Appendix H
Impacts of DG Scenarios at Specific Locations

In this section time series of $PM_{2.5}$, NO_2 and O_3 concentration are presented for each scenario. Each time series represents the evolution of each criteria pollutant during the second and third day of simulation. The SCAQS August 27-29th 1987 episode is used for the simulations.

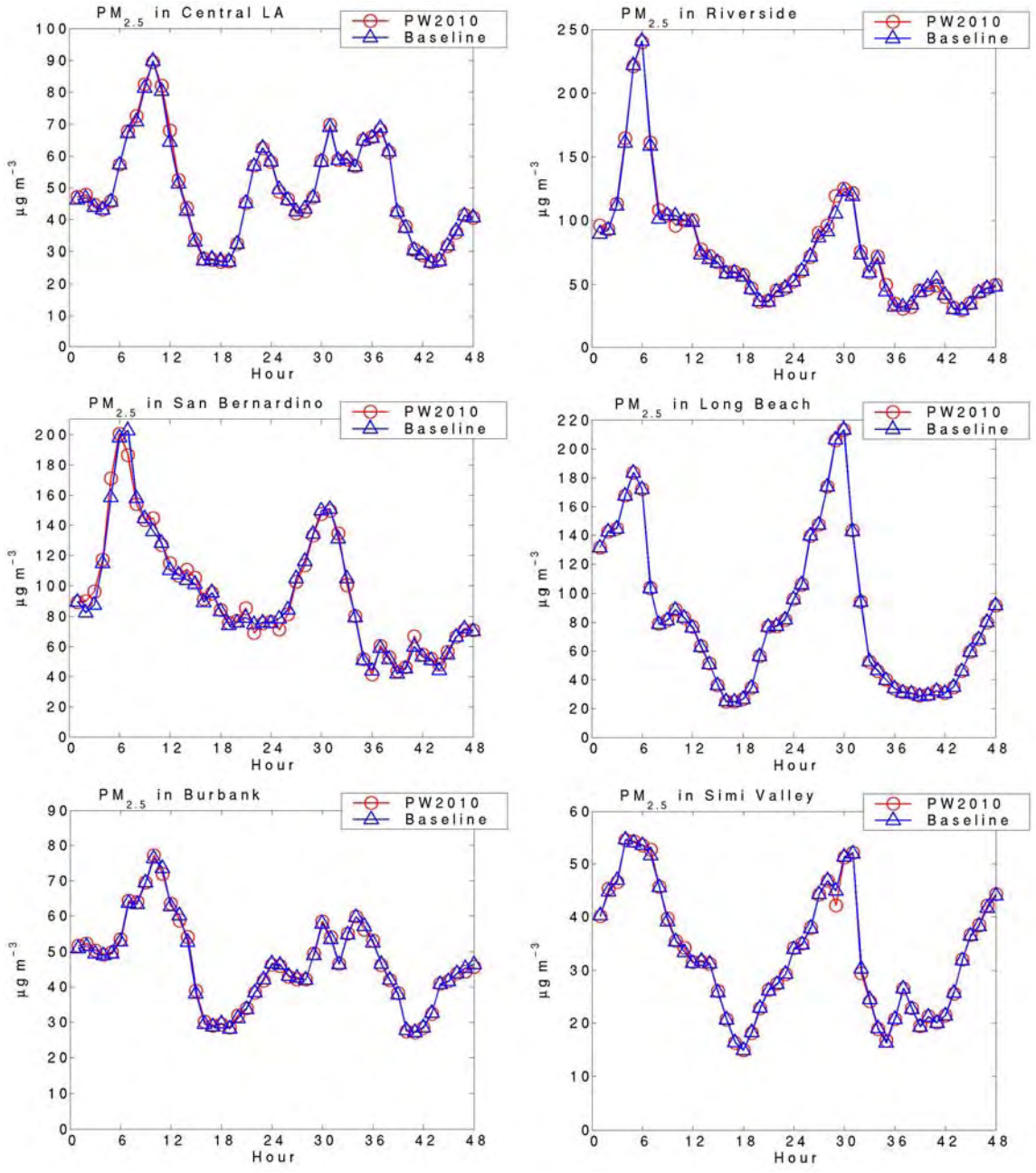

Figure H-1. Air quality impacts of PW2010 scenario at different locations: $PM_{2.5}$

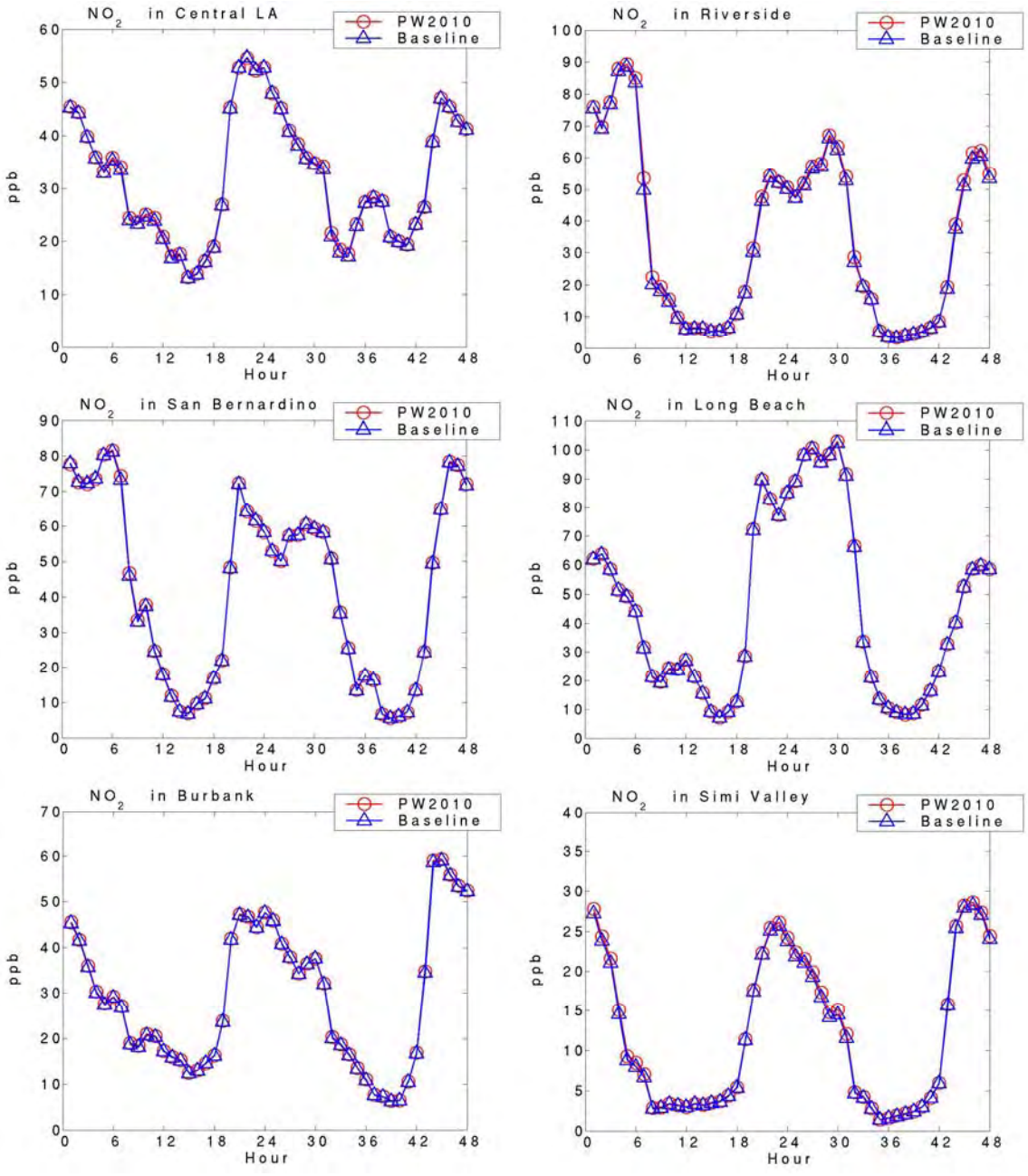

Figure H-2. Air quality impacts of PW2010 scenario at different locations: NO_2

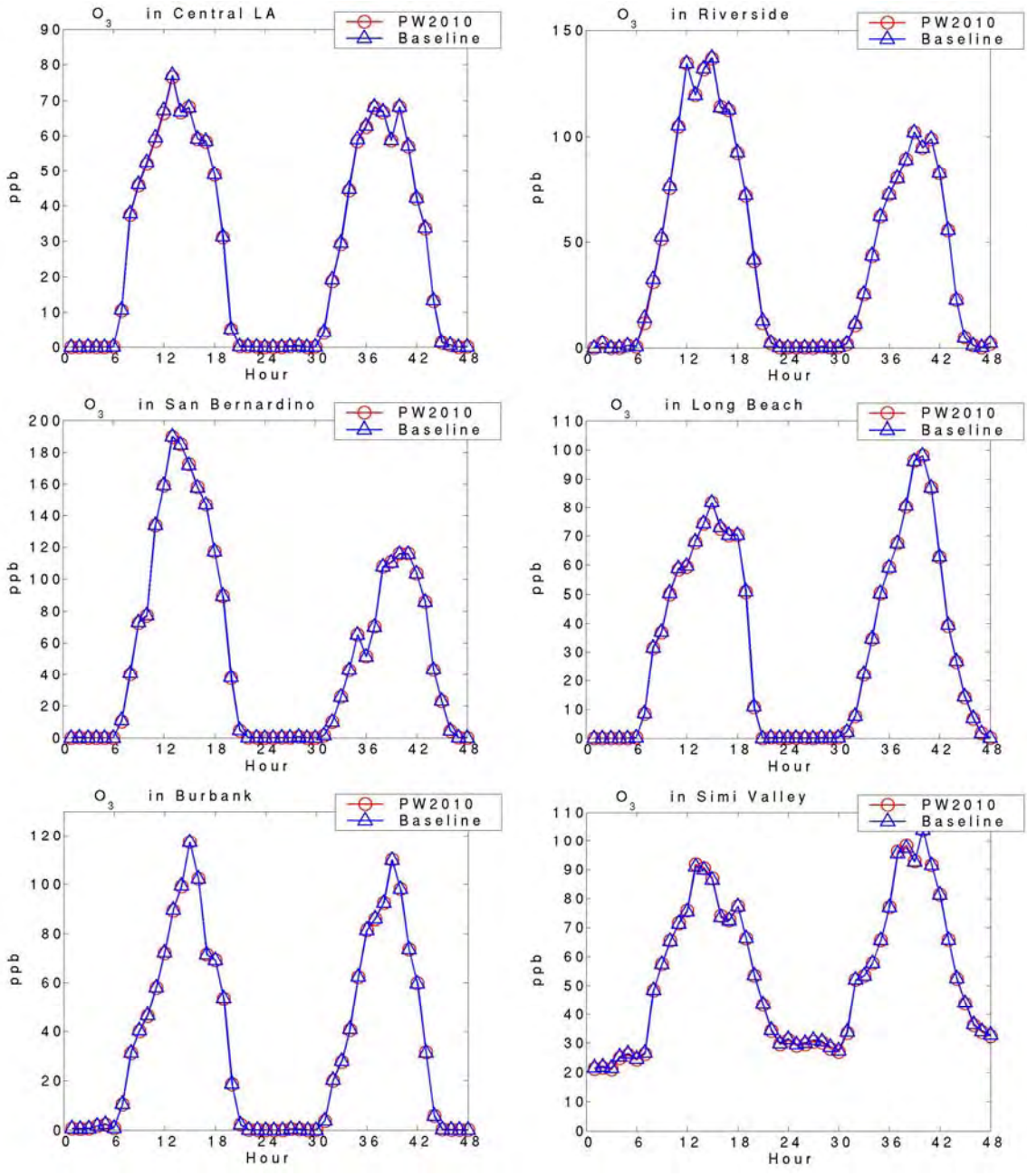

Figure H-3. Air quality impacts of PW2010 scenario at different locations: O_3

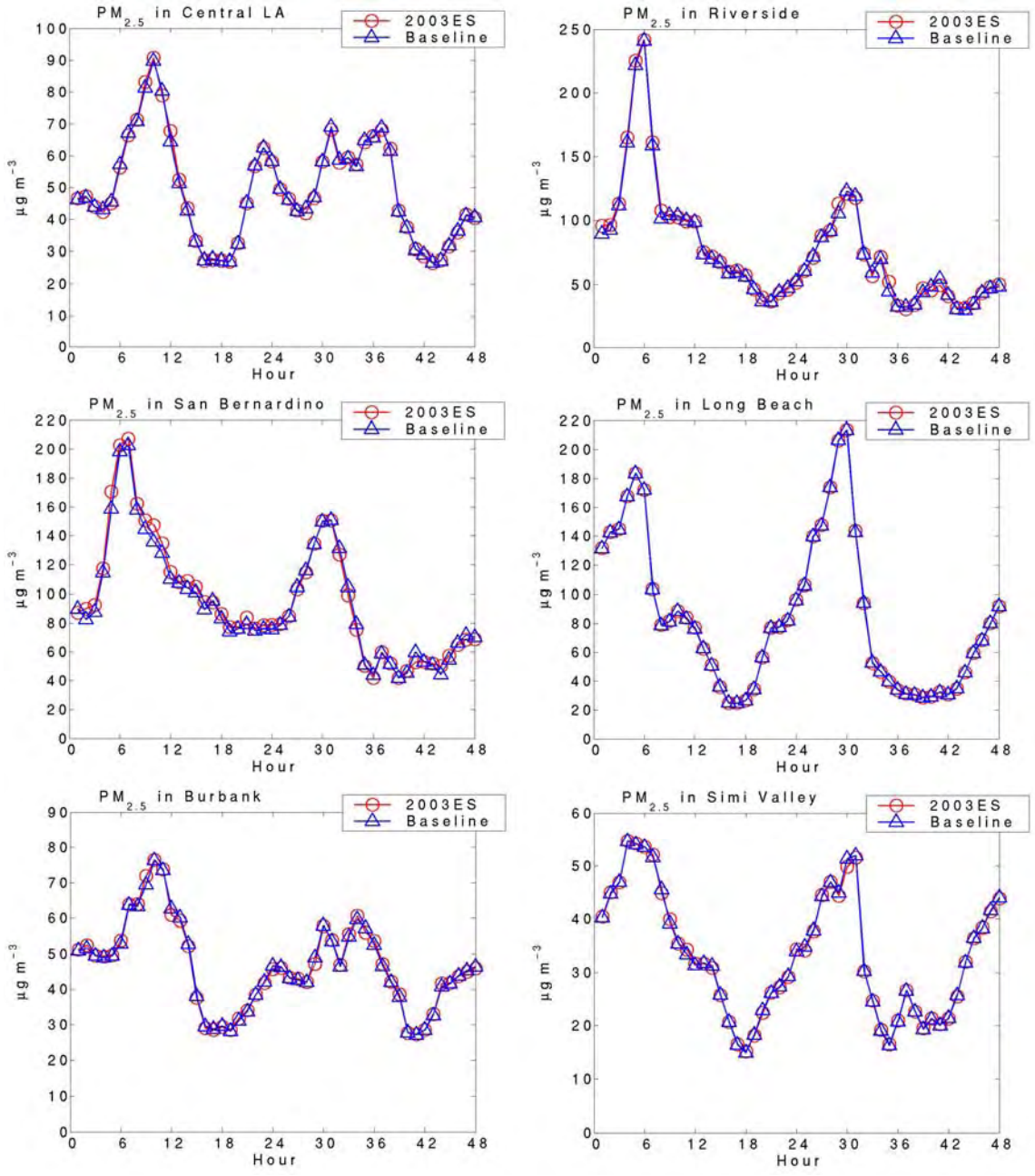

Figure H-4. Air quality impacts of 2003ES scenario at different locations: $PM_{2.5}$

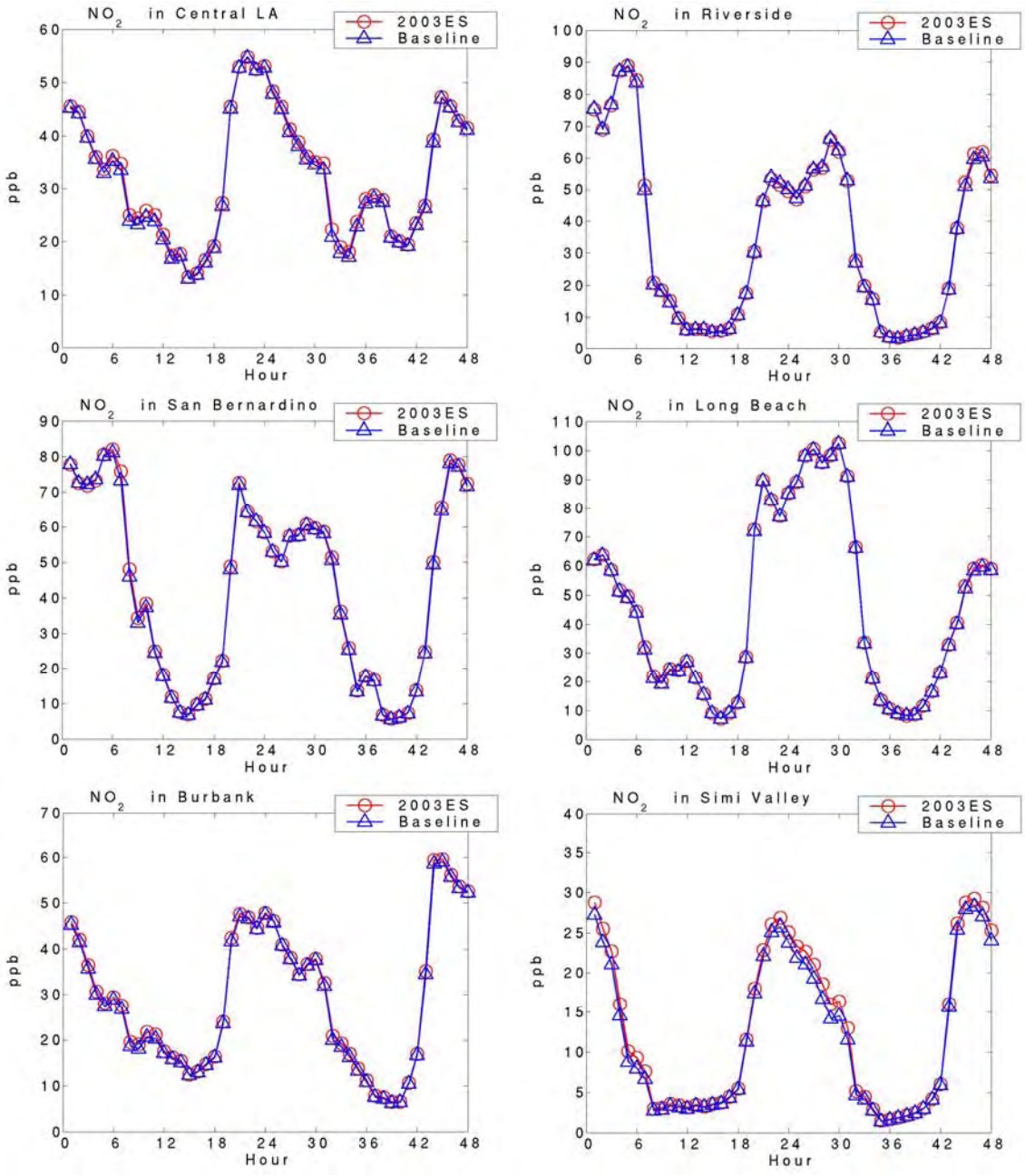

Figure H-5. Air quality impacts of 2003ES scenario at different locations: NO_2

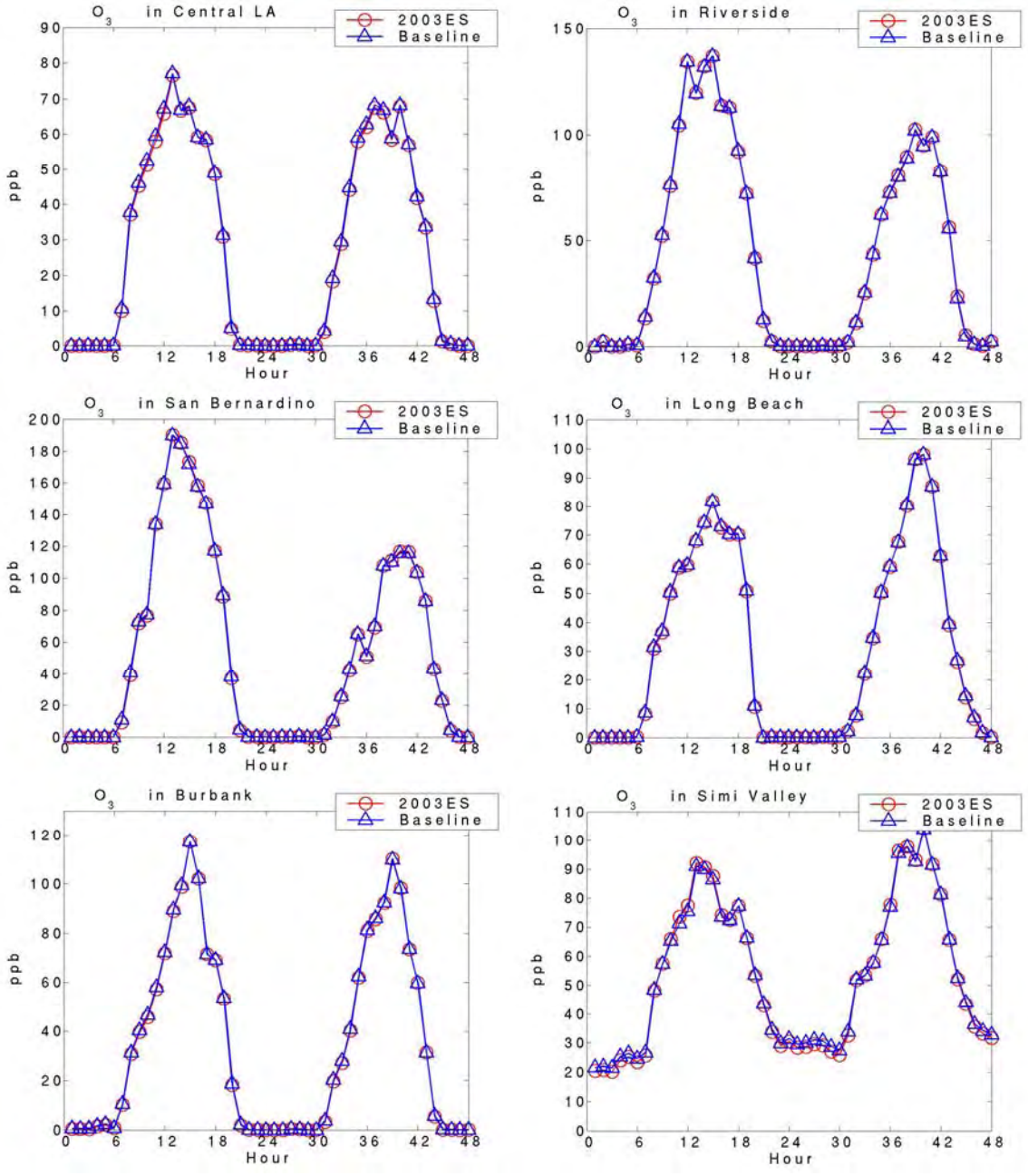

Figure H-6. Air quality impacts of 2003ES scenario at different locations: O_3

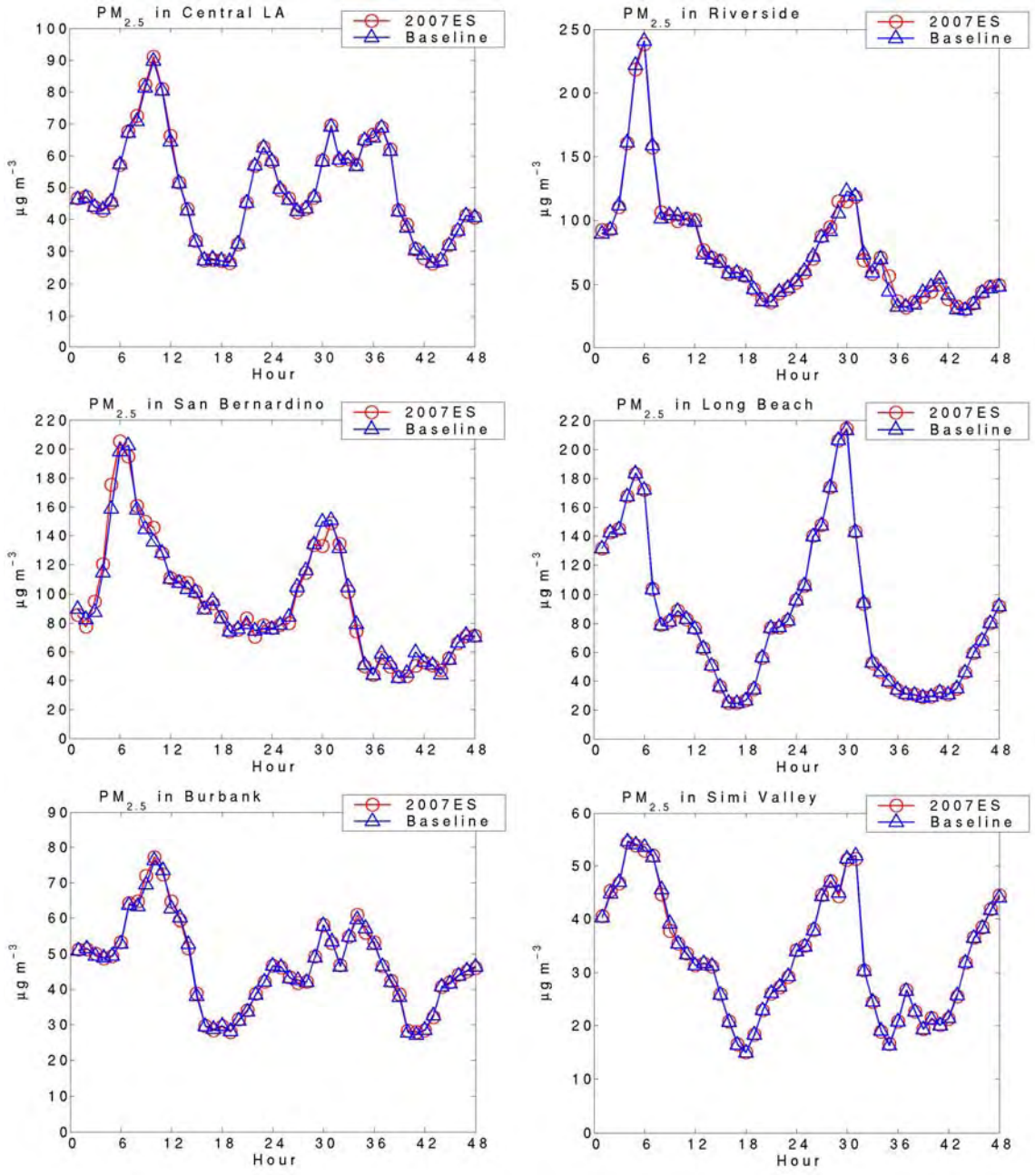

Figure H-7. Air quality impacts of 2007ES scenario at different locations: $PM_{2.5}$

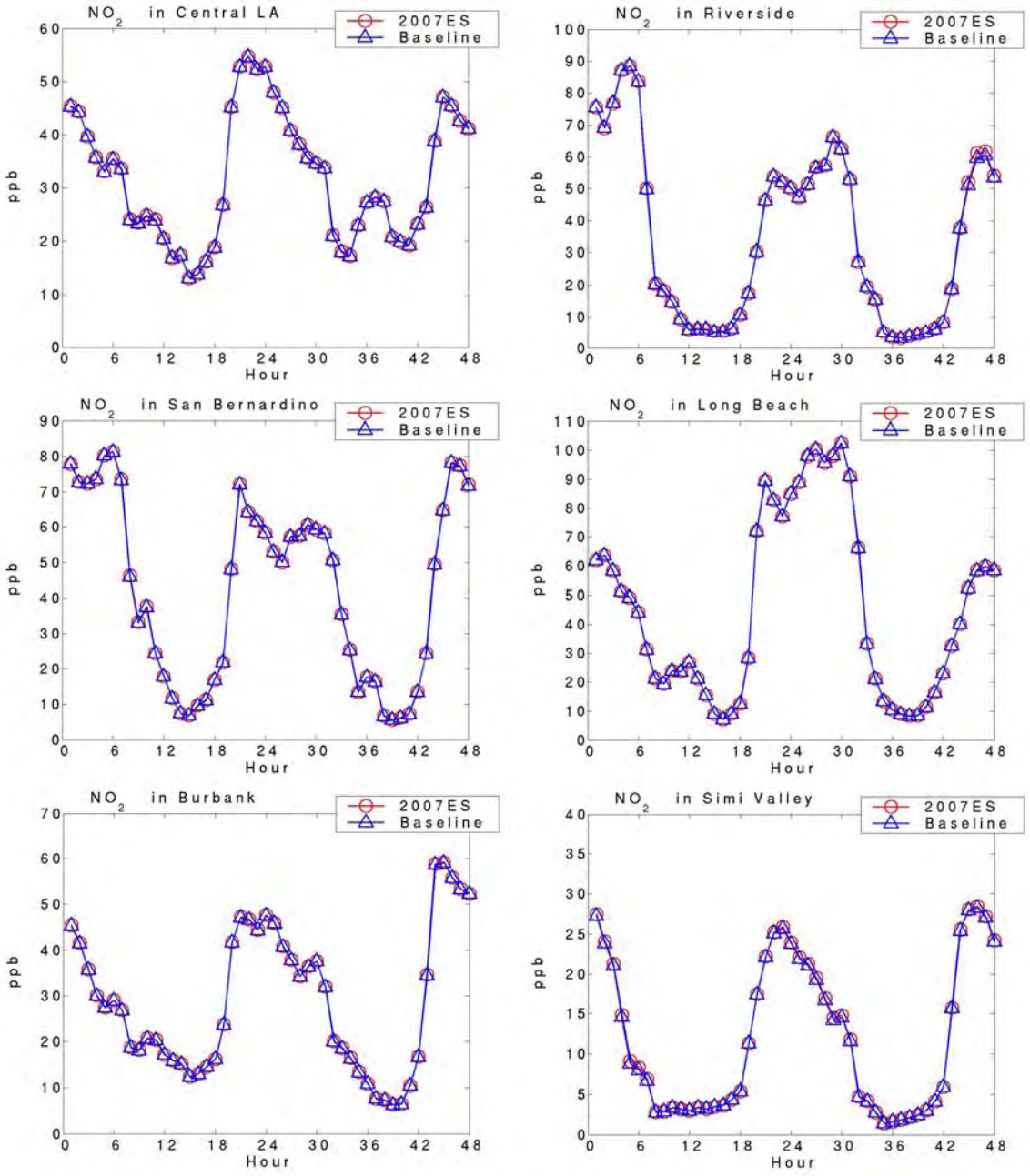

Figure H-8. Air quality impacts of 2007ES scenario at different locations: NO_2

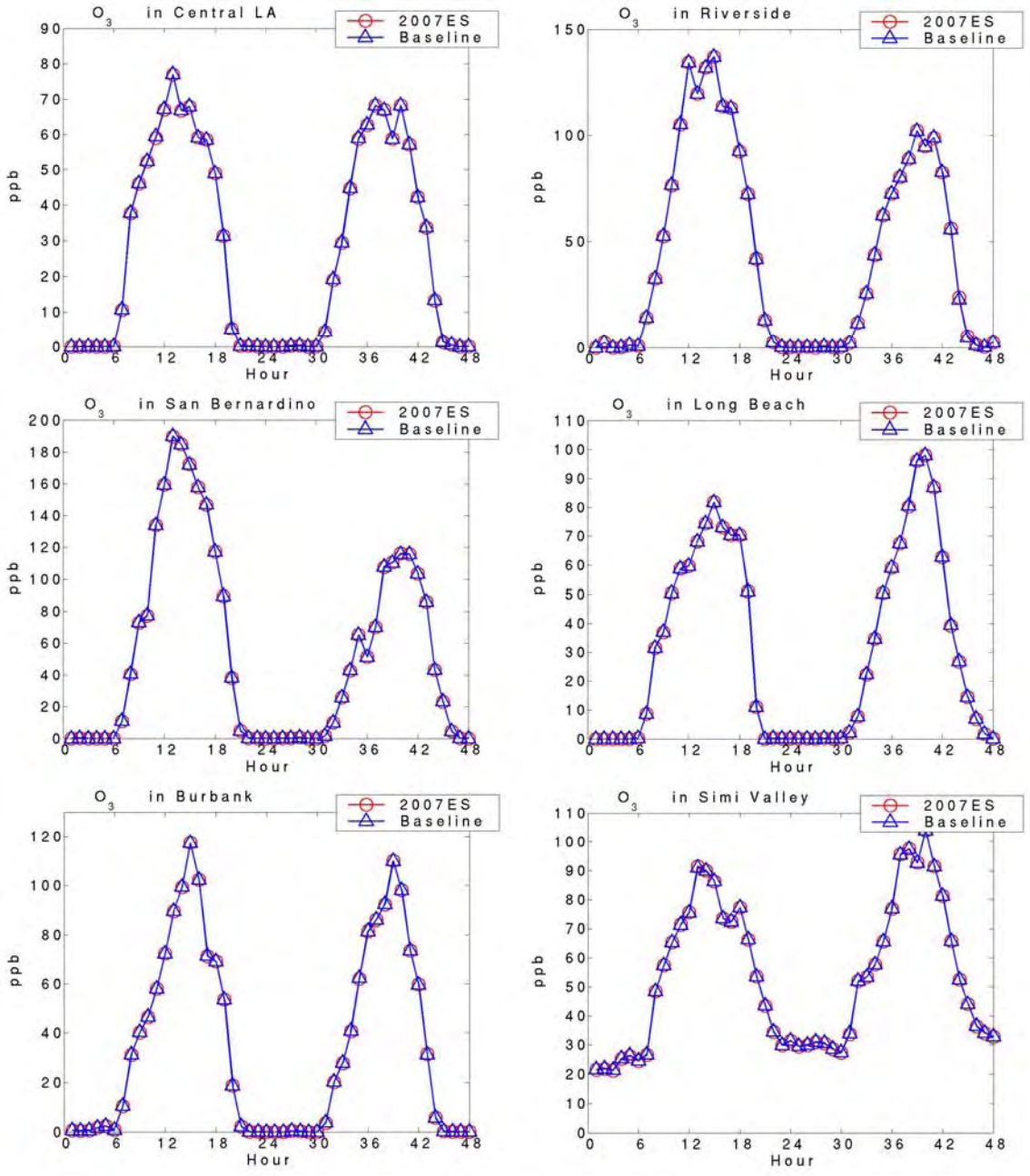

Figure H-9. Air quality impacts of 2007ES scenario at different locations: O_3

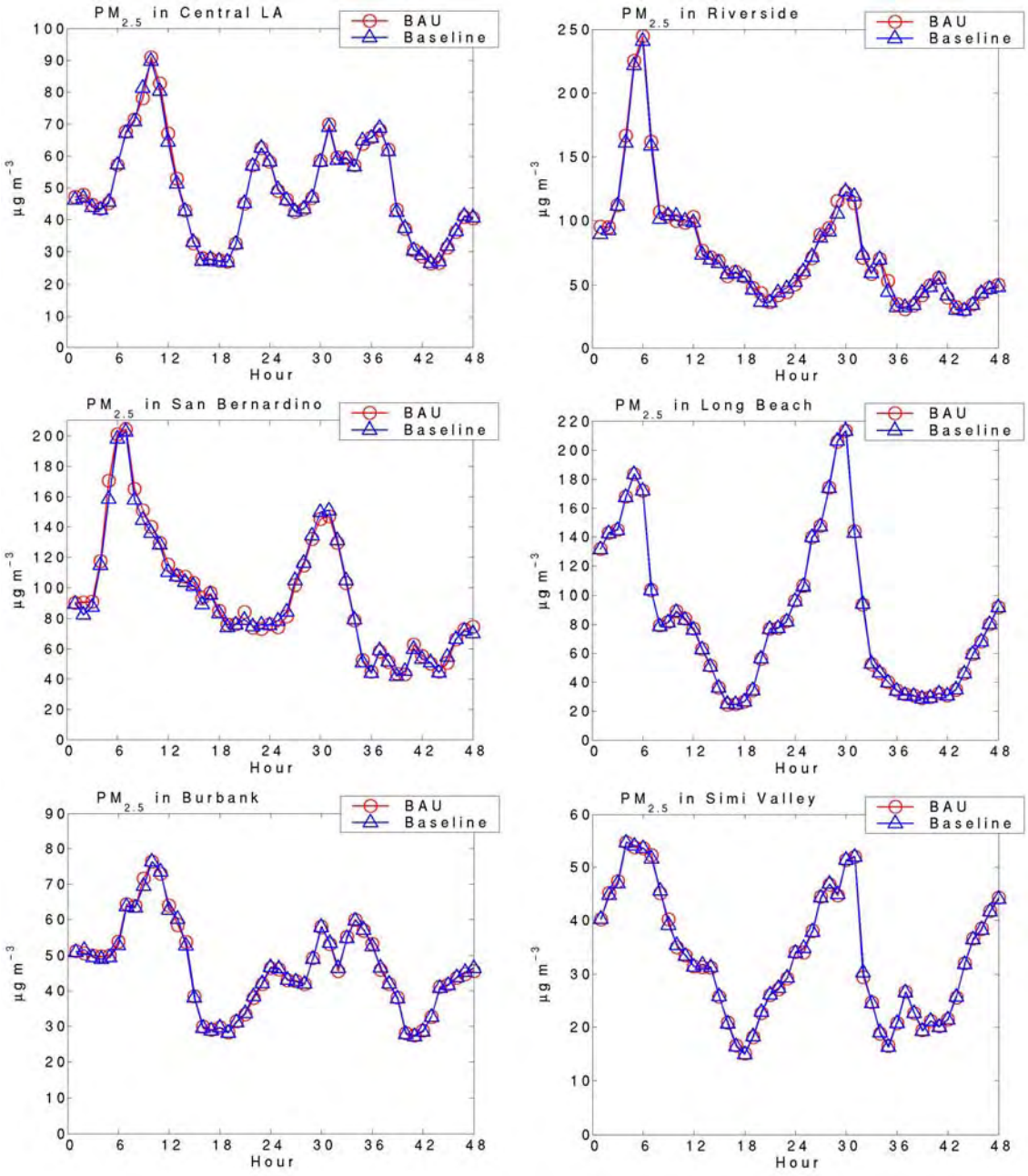

Figure H-10. Air quality impacts of BAU scenario at different locations: $PM_{2.5}$

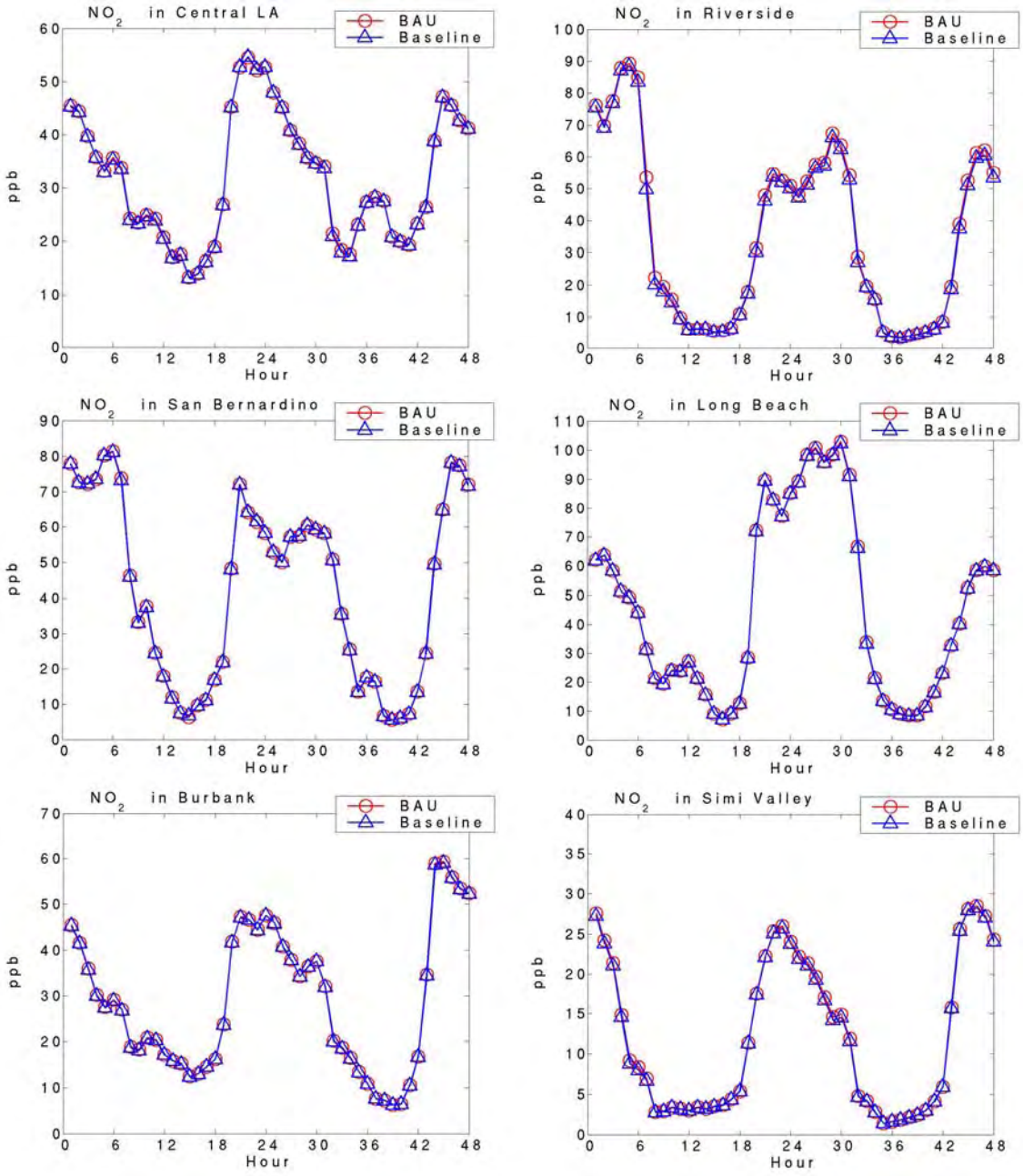

Figure H-11. Air quality impacts of BAU scenario at different locations: NO_2

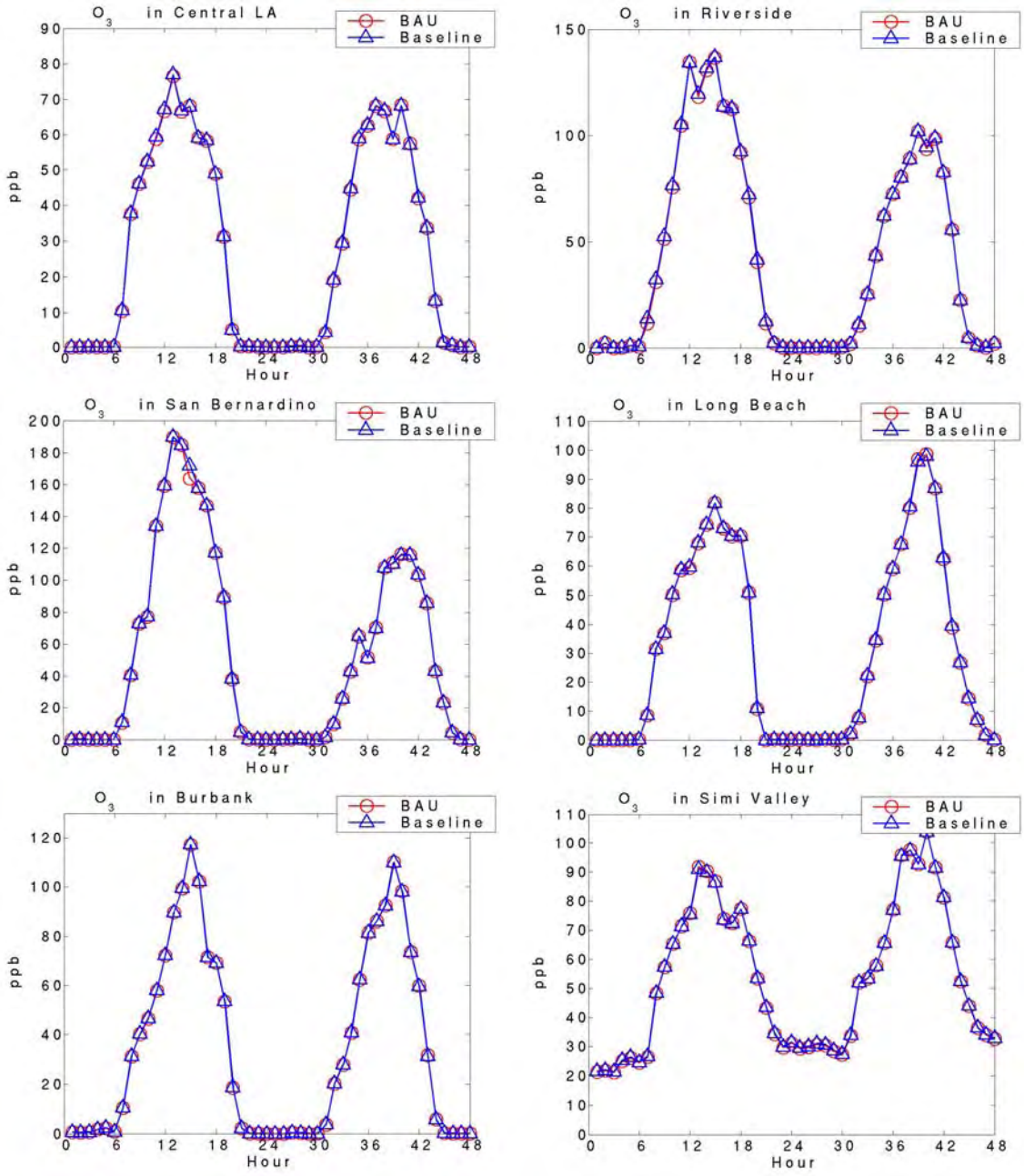

Figure H-12. Air quality impacts of BAU scenario at different locations: O_3

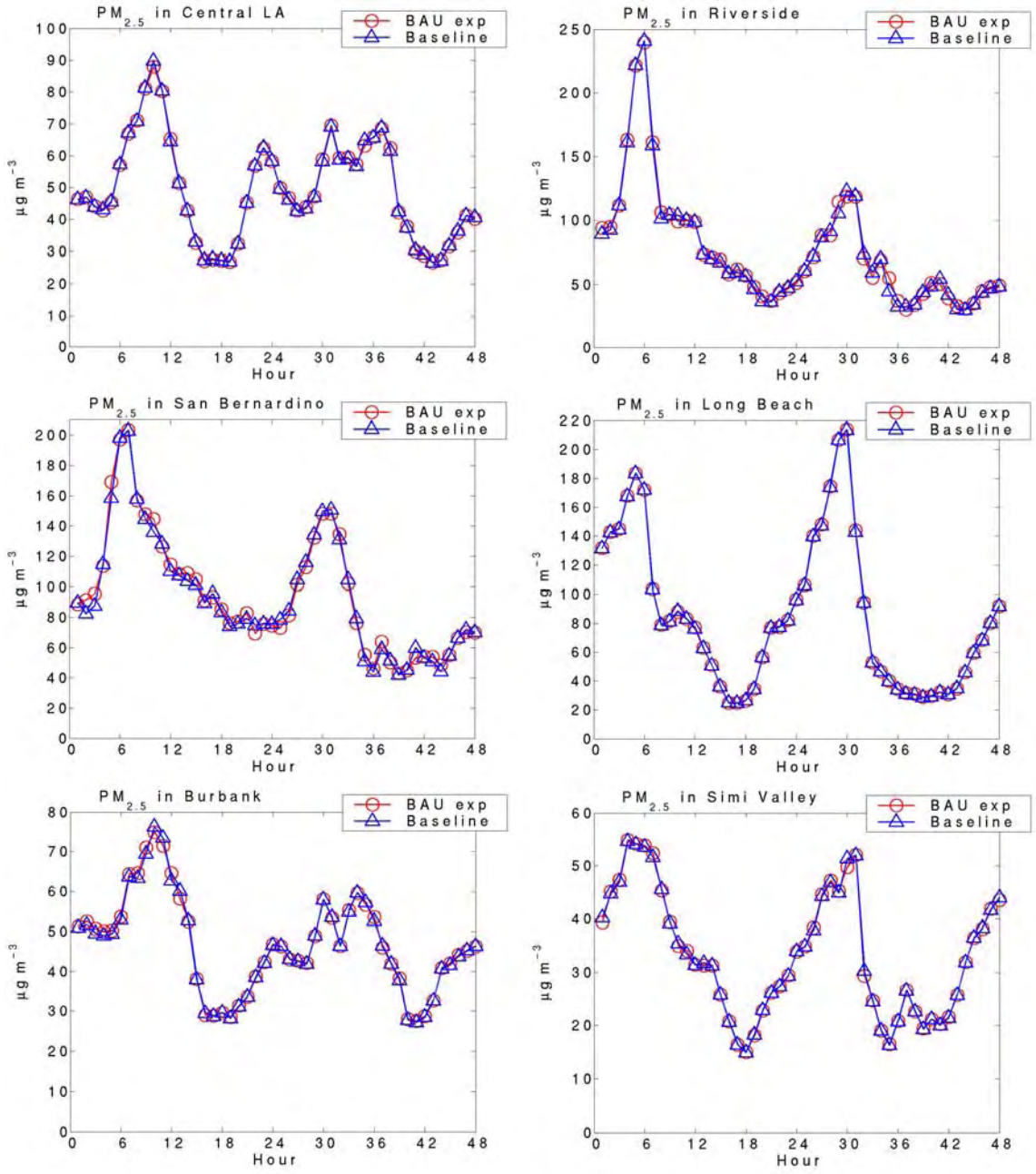

Figure H-13. Air quality impacts of BAU-par scenario at different locations: $PM_{2.5}$

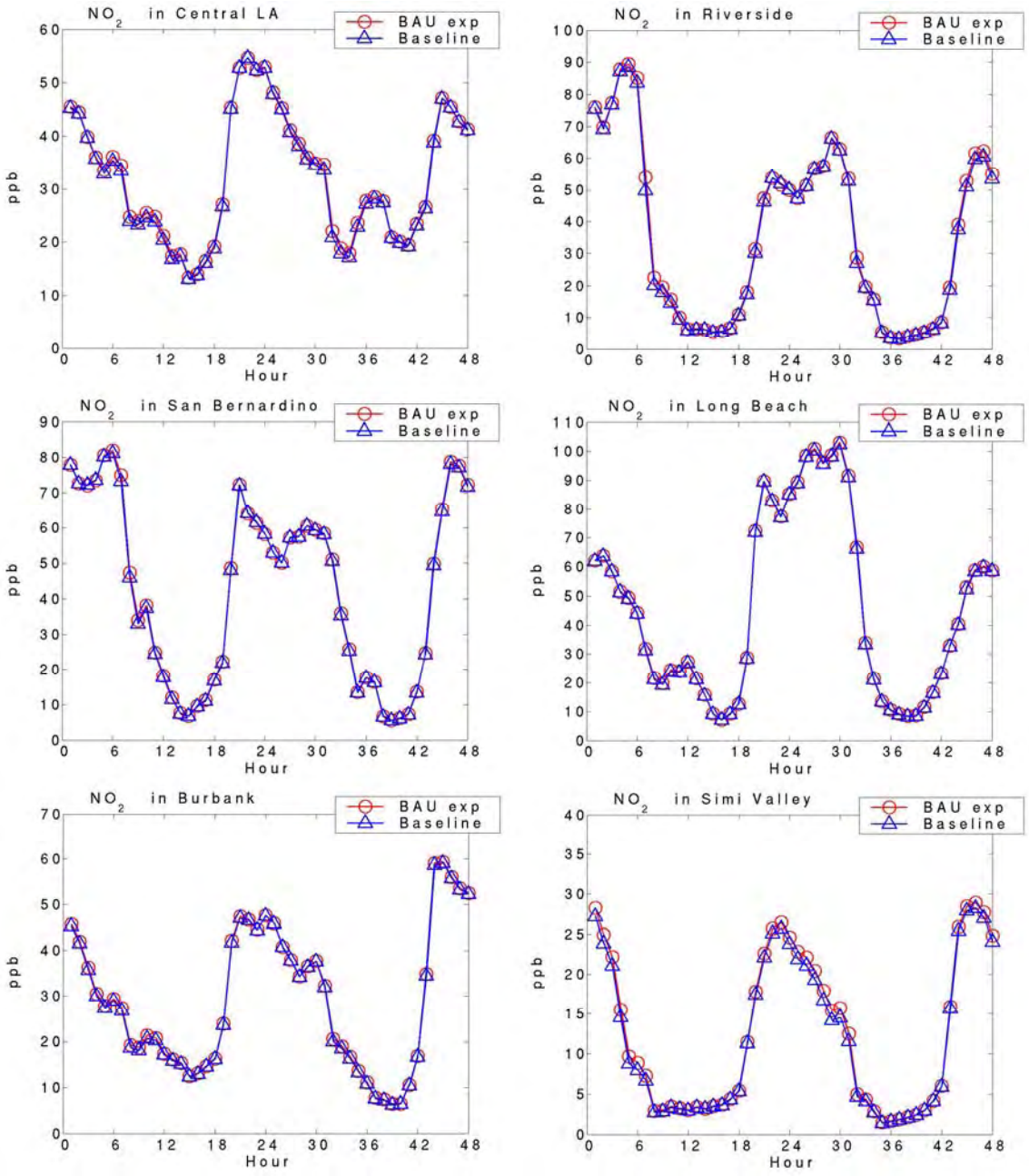

Figure H-14. Air quality impacts of BAU-par scenario at different locations: NO_2

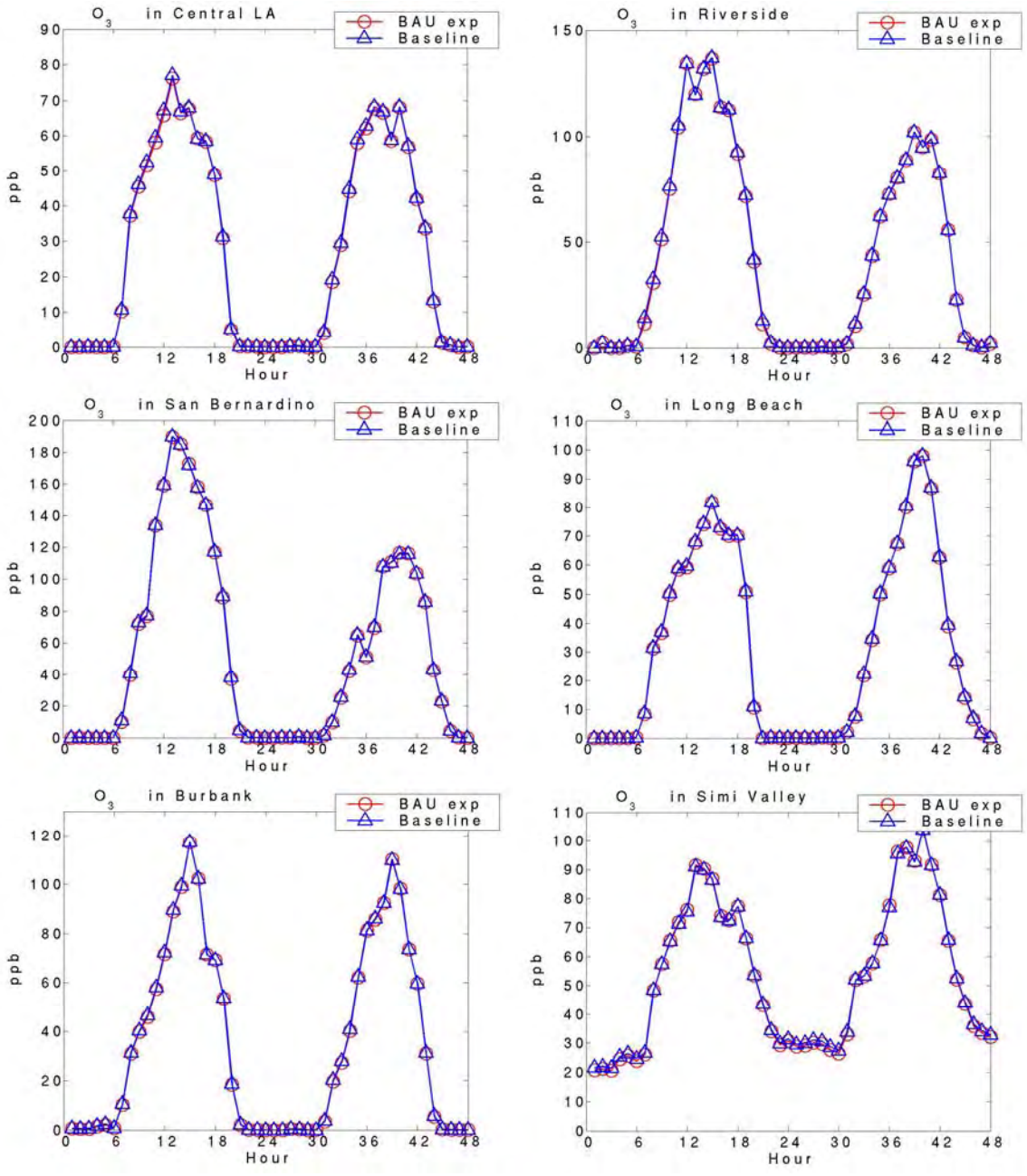

Figure H-15. Air quality impacts of BAU-par scenario at different locations: O_3

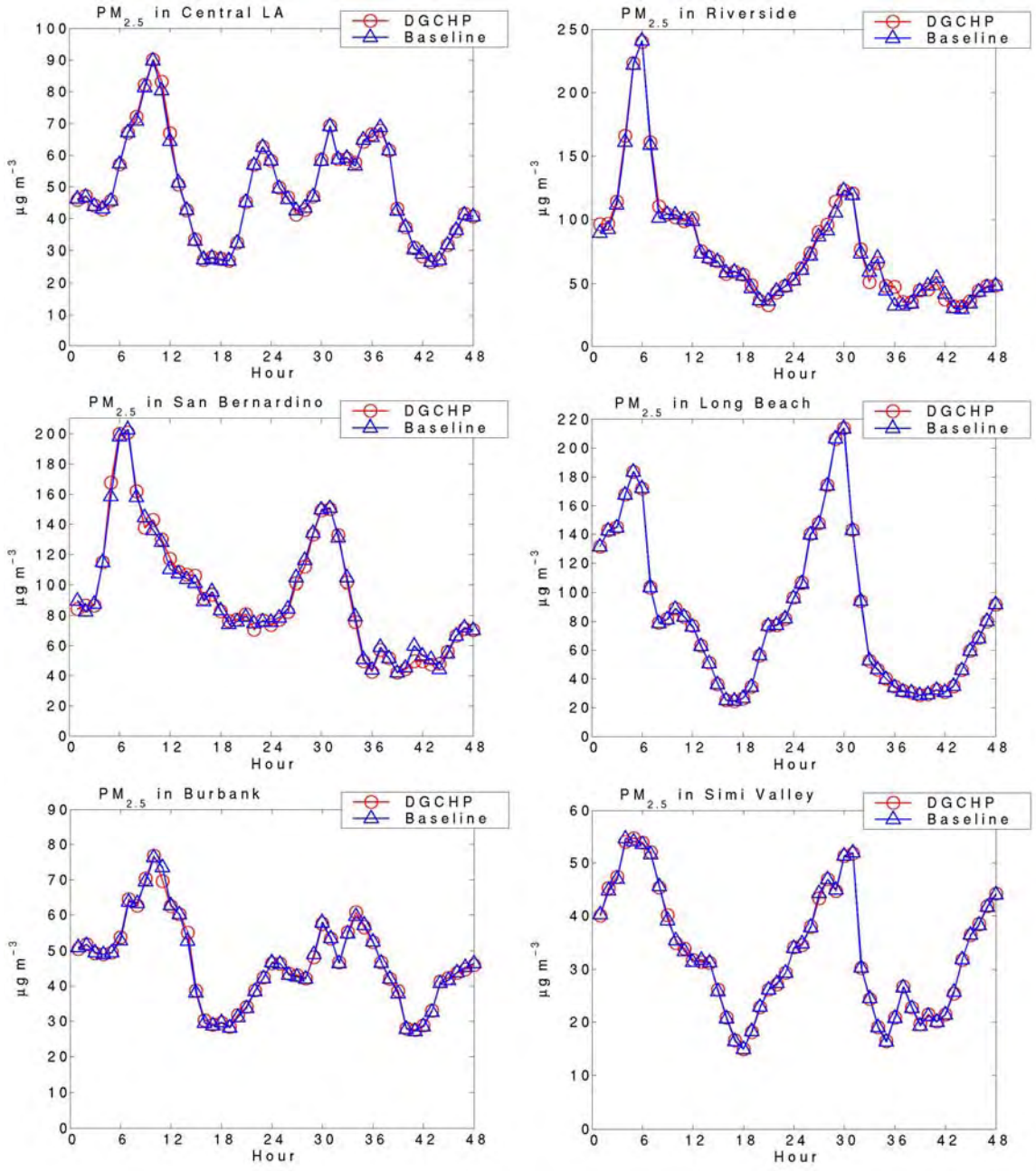

Figure H-16. Air quality impacts of DGCHP scenario at different locations: $PM_{2.5}$

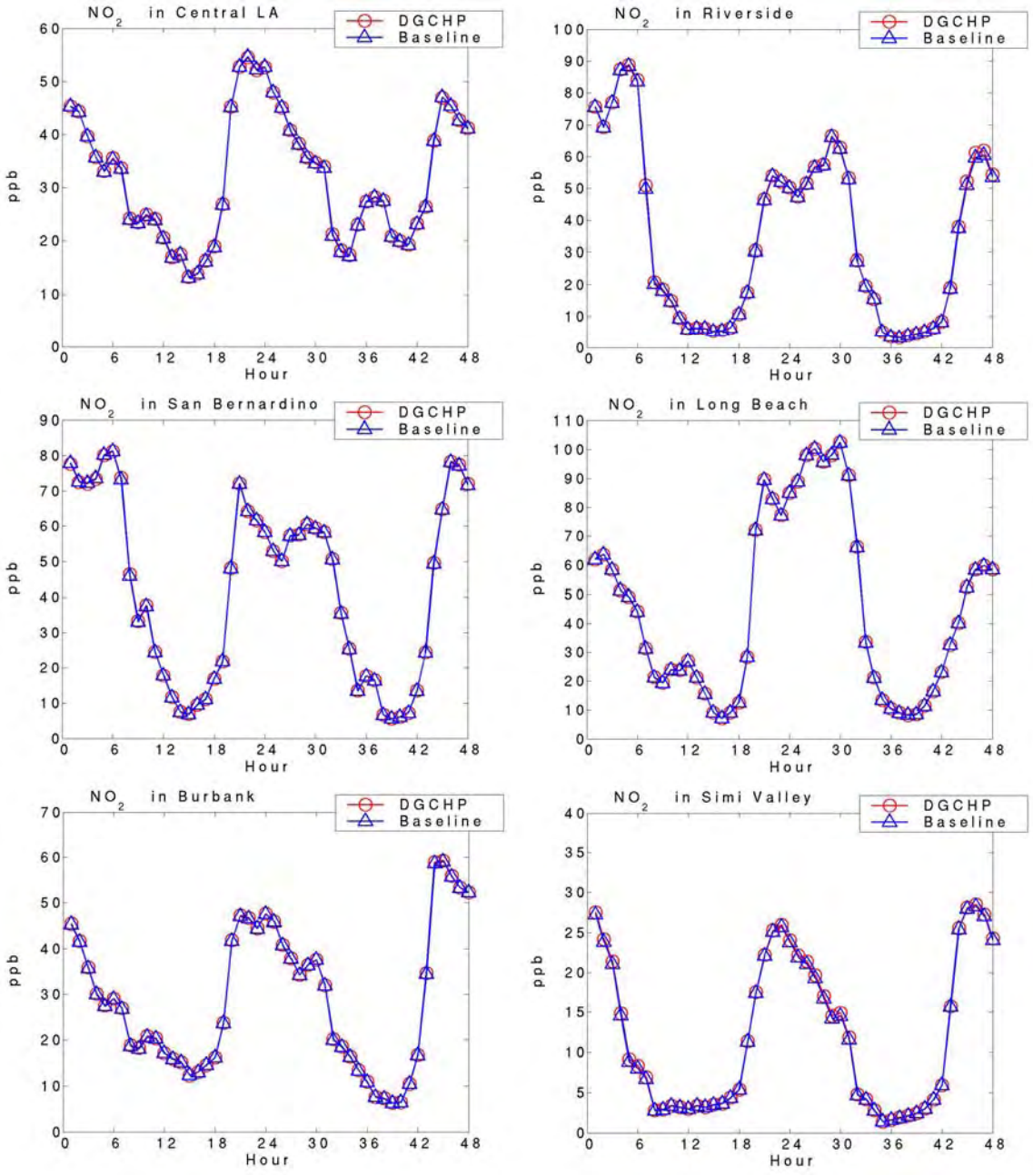

Figure H-17. Air quality impacts of DGCHP scenario at different locations: NO_2

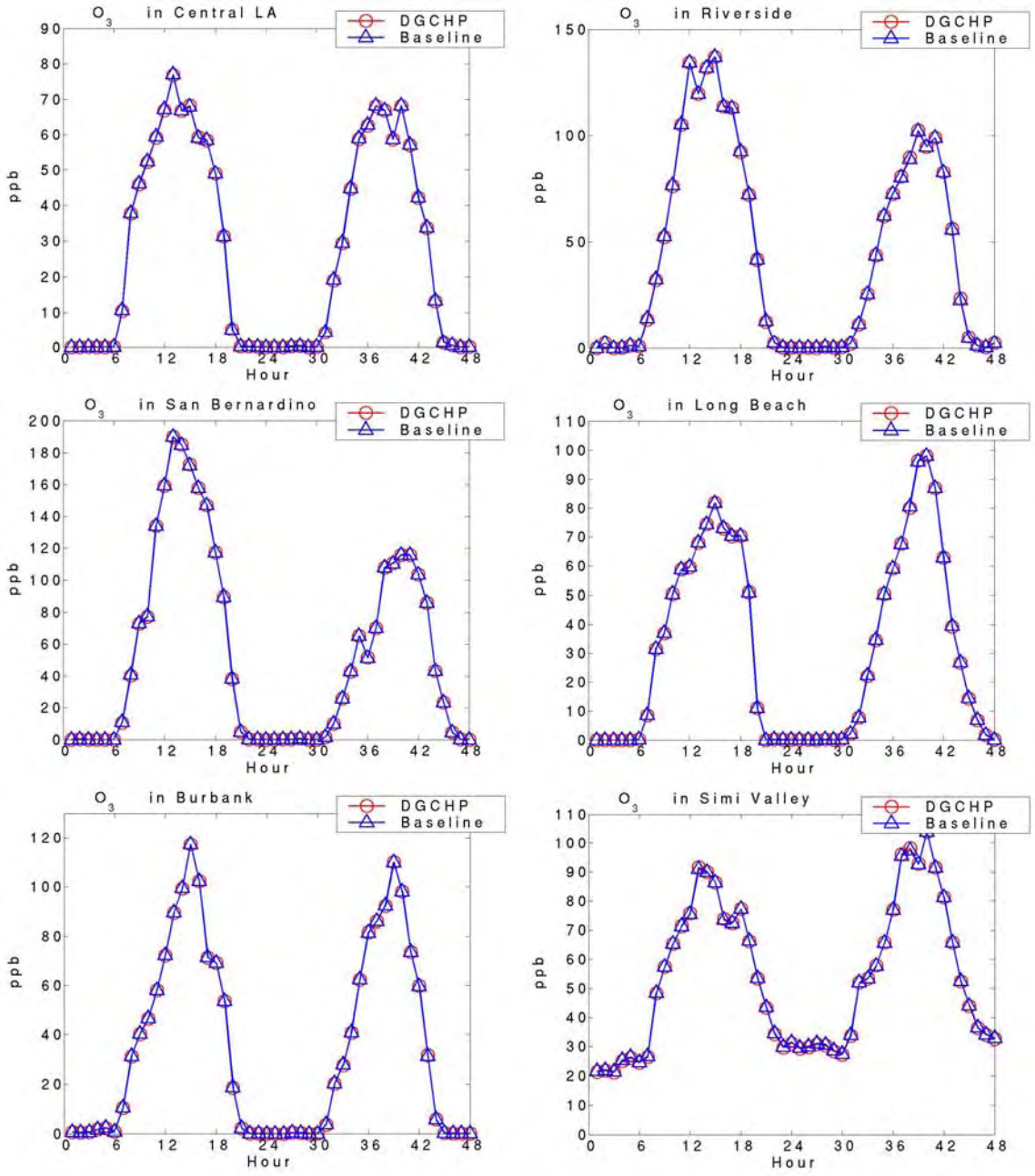

Figure H-18. Air quality impacts of DGCHP scenario at different locations: O_3

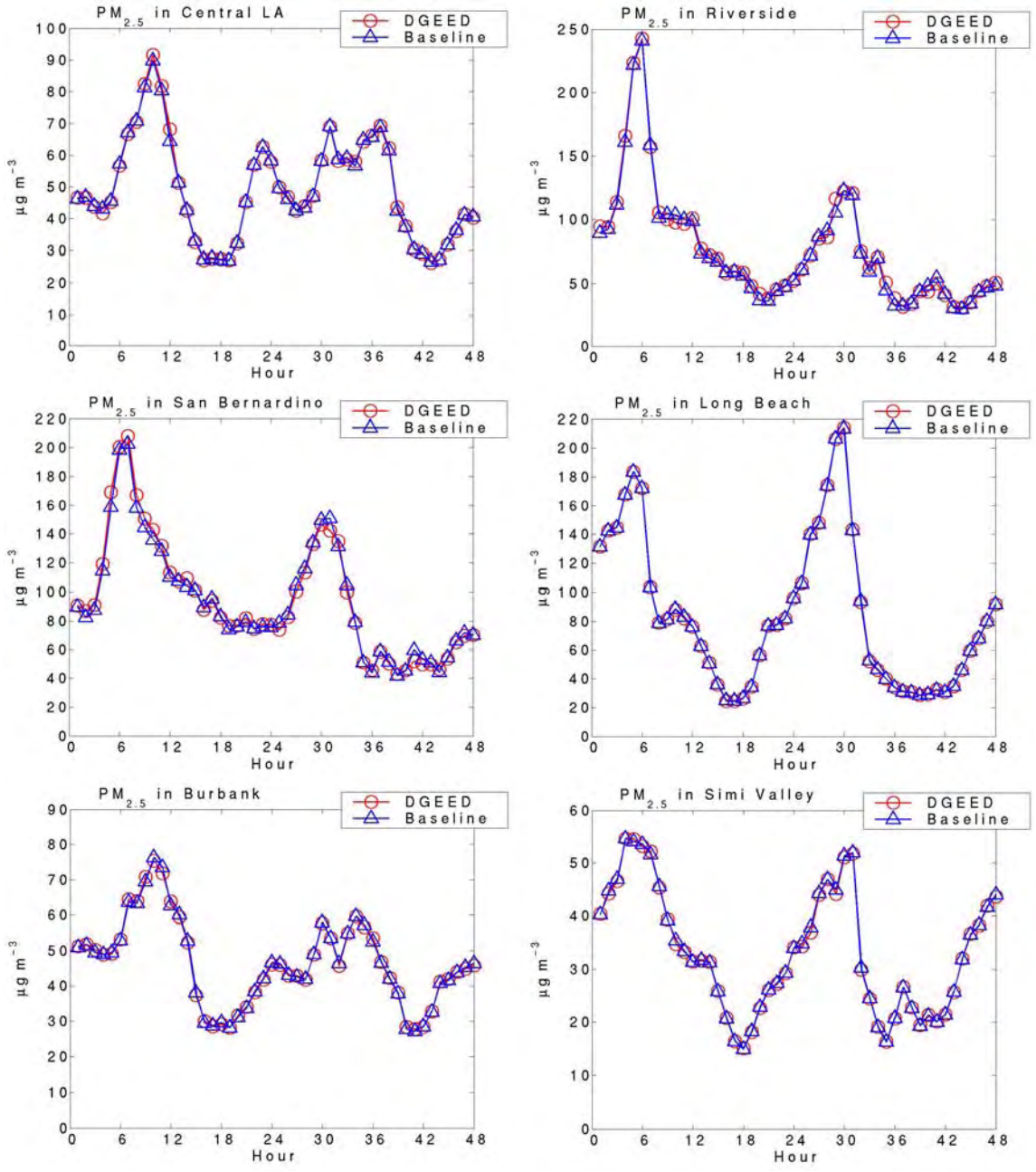

Figure H-19. Air quality impacts of DGEED scenario at different locations: $PM_{2.5}$

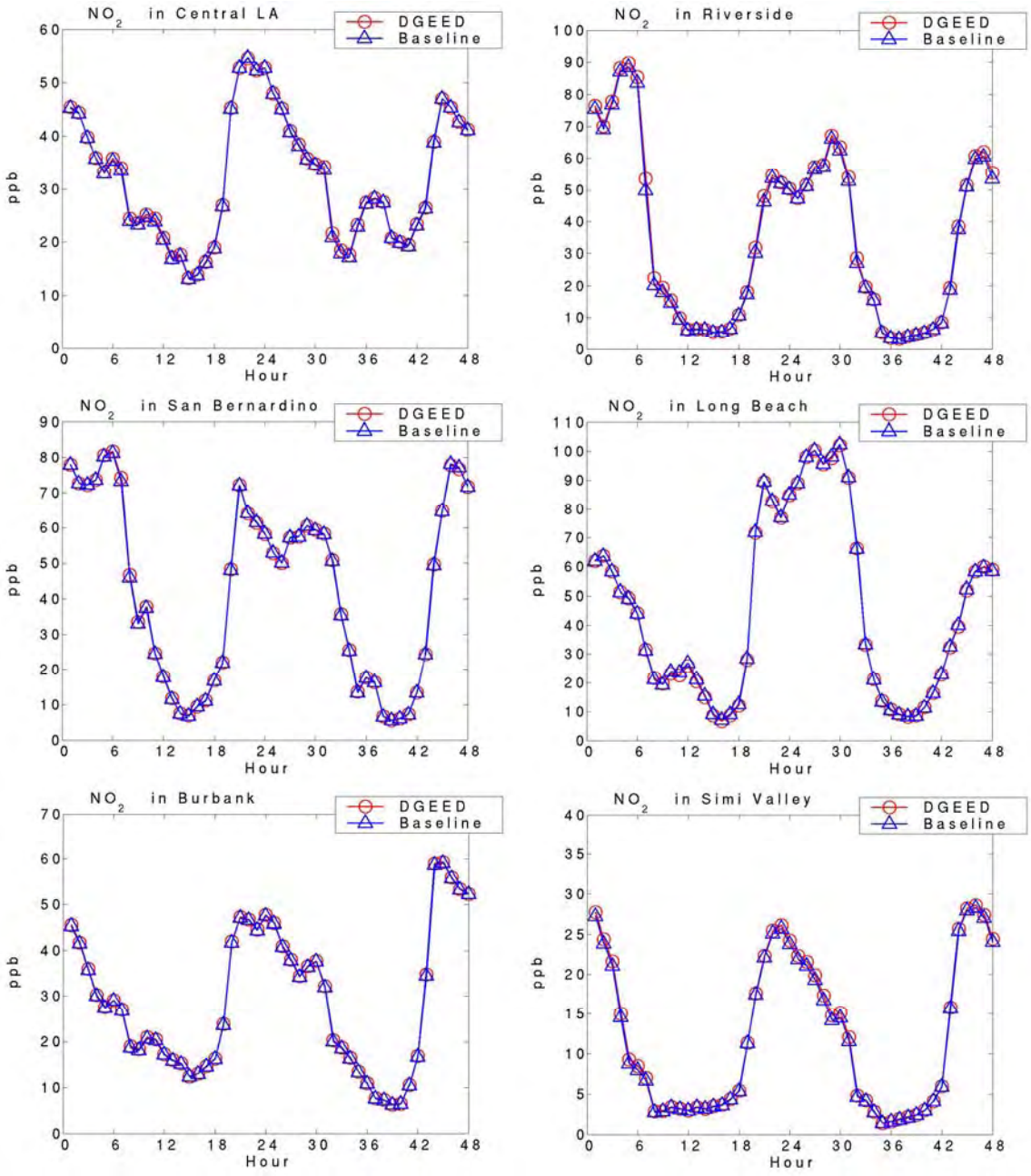

Figure H-20. Air quality impacts of DGEED scenario at different locations: NO_2

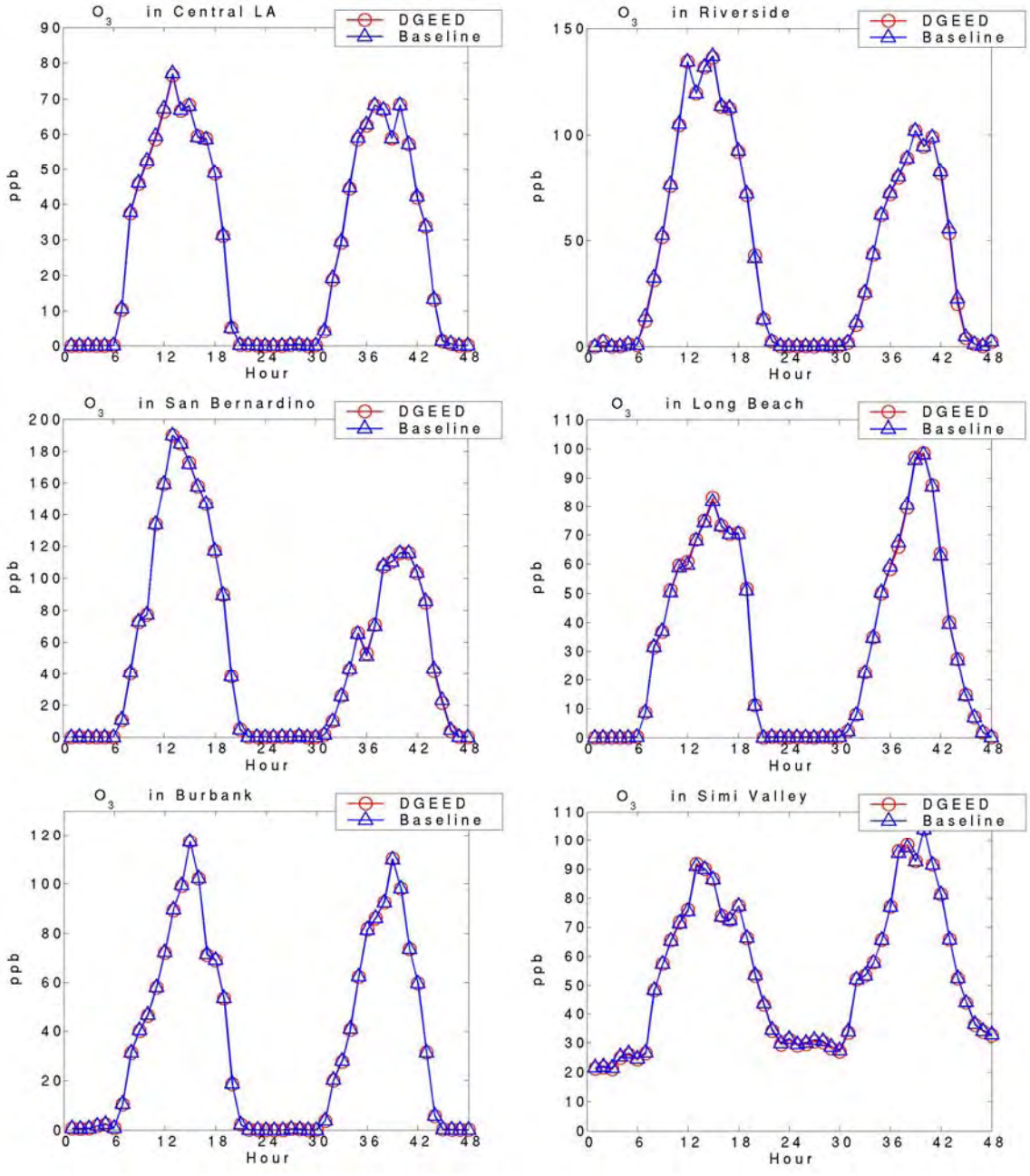

Figure H-21. Air quality impacts of DGEED scenario at different locations: O_3

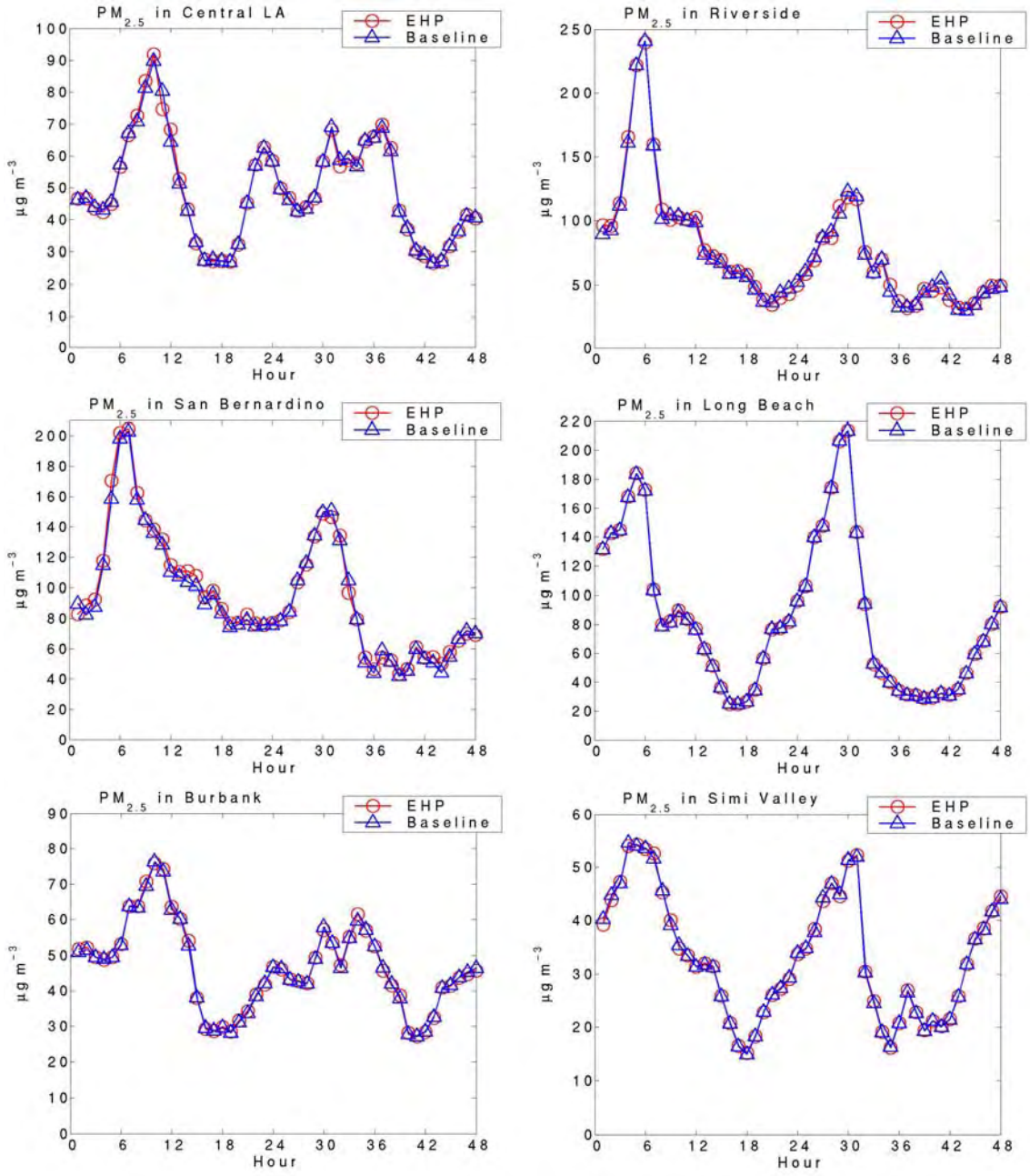

Figure H-22. Air quality impacts of EHP scenario at different locations: $PM_{2.5}$

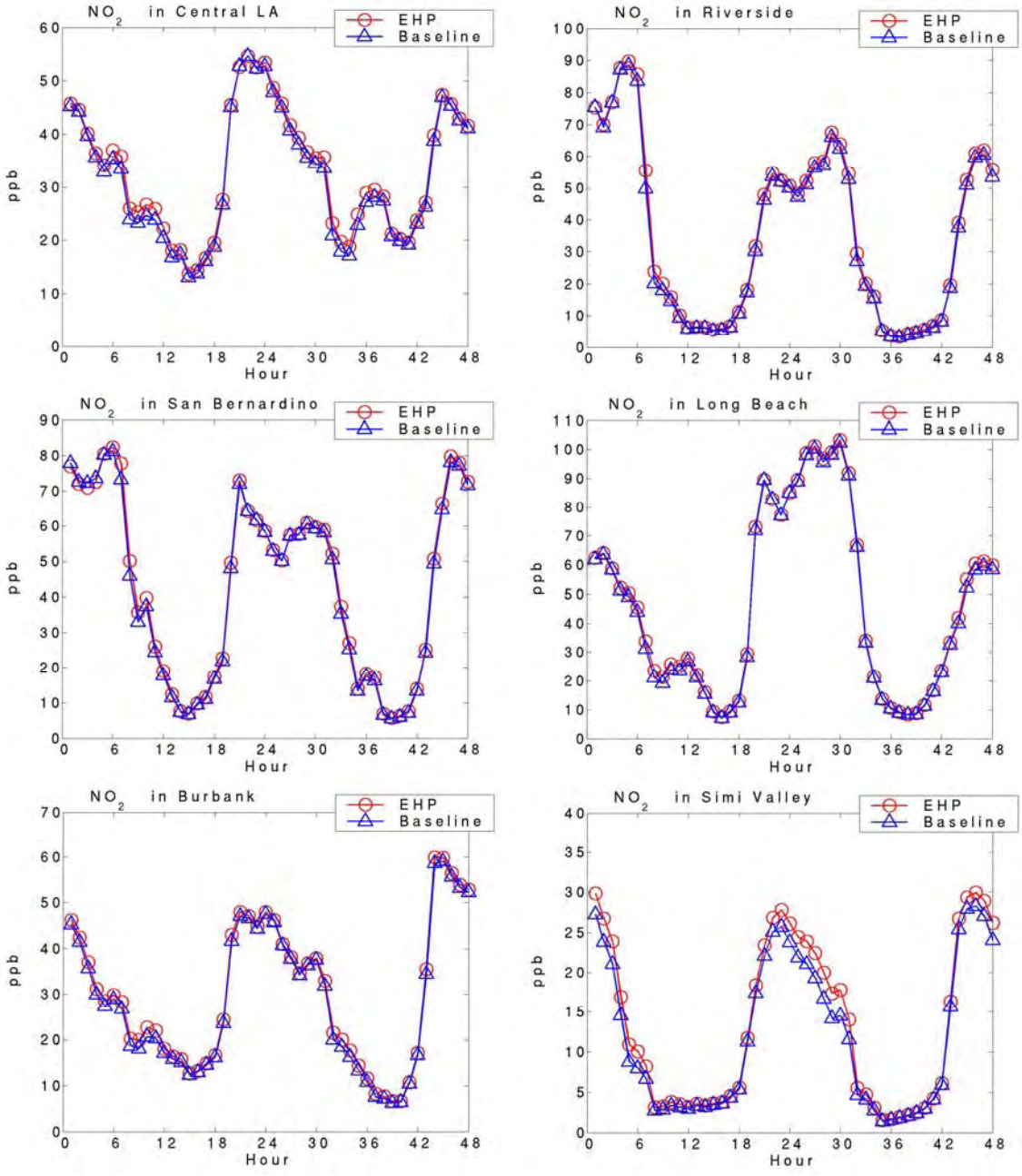

Figure H-23. Air quality impacts of EHP scenario at different locations: NO_2

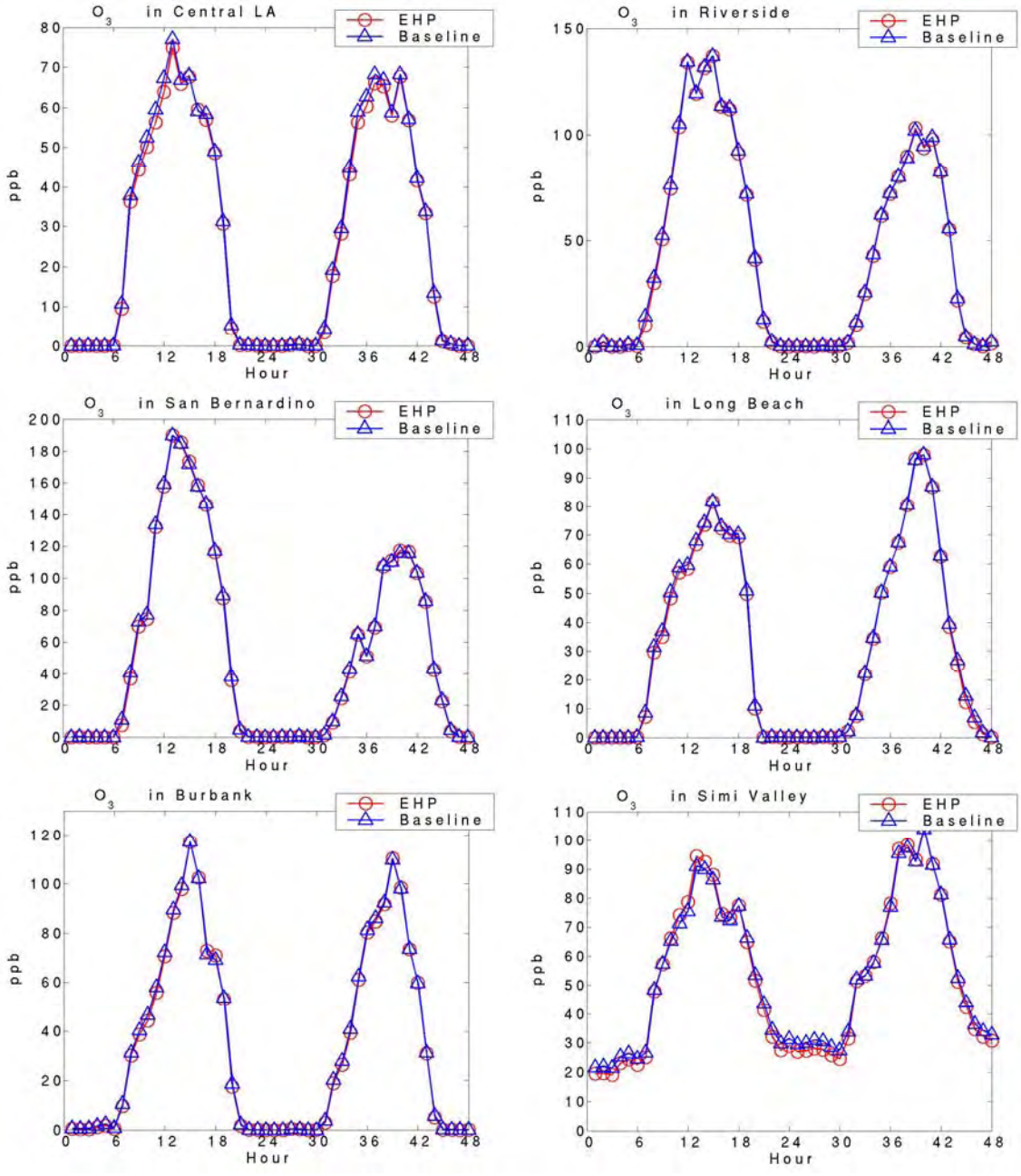

Figure H-24. Air quality impacts of EHP scenario at different locations: O_3

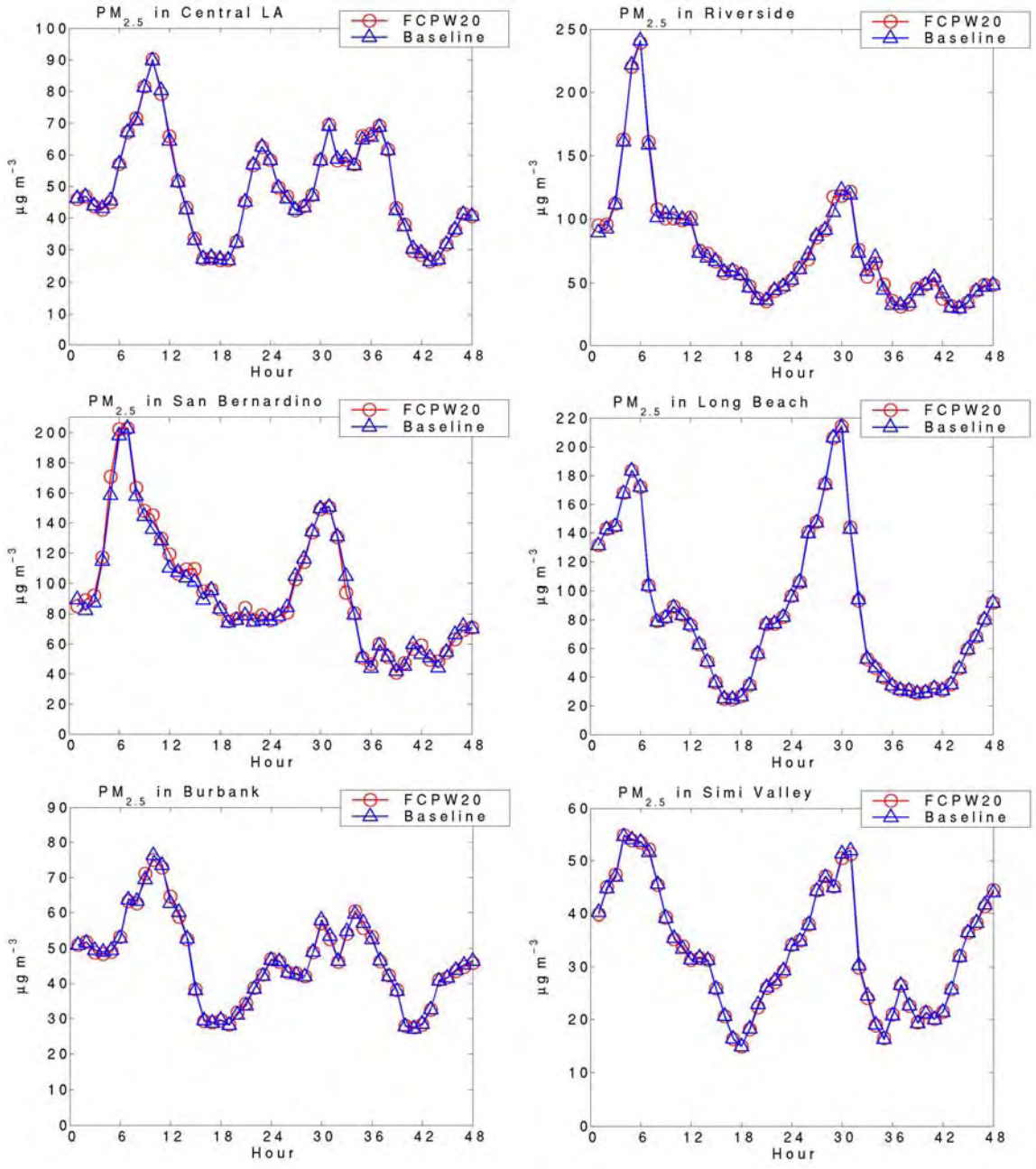

Figure H-25. Air quality impacts of FCPW20 scenario at different locations: $PM_{2.5}$

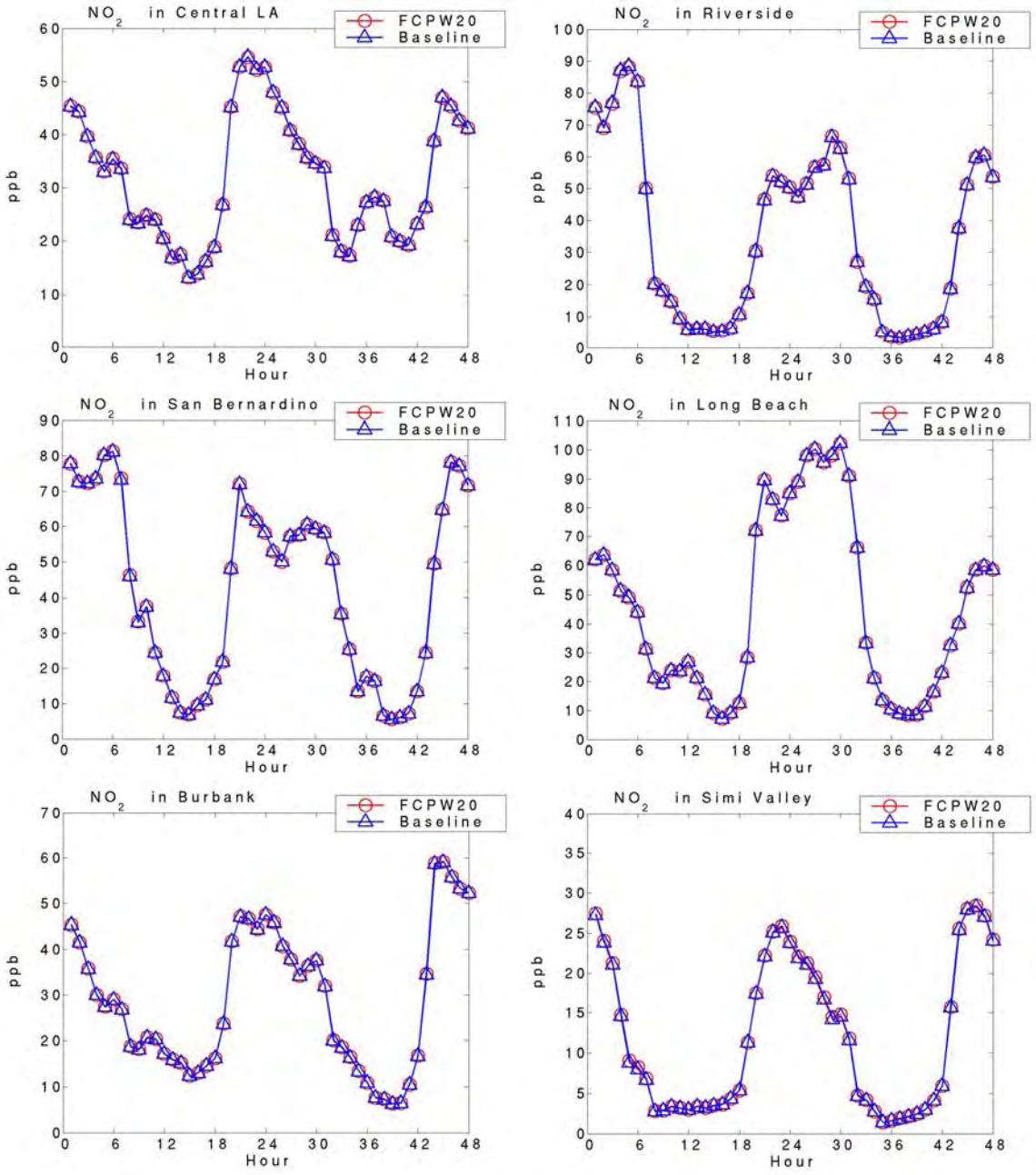

Figure H-26. Air quality impacts of FCPW20 scenario at different locations: NO_2

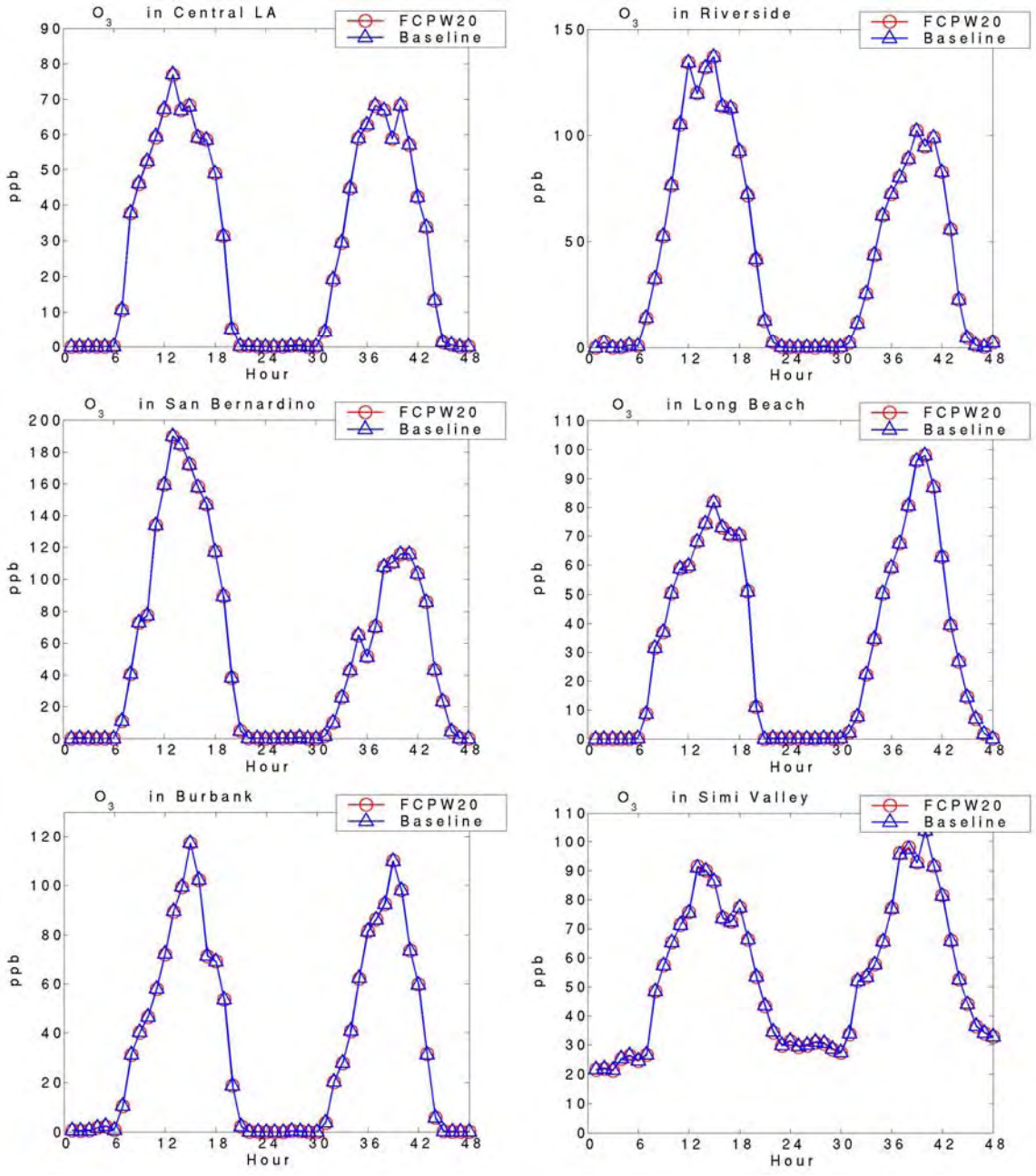

Figure H-27. Air quality impacts of FCPW20 scenario at different locations: O_3

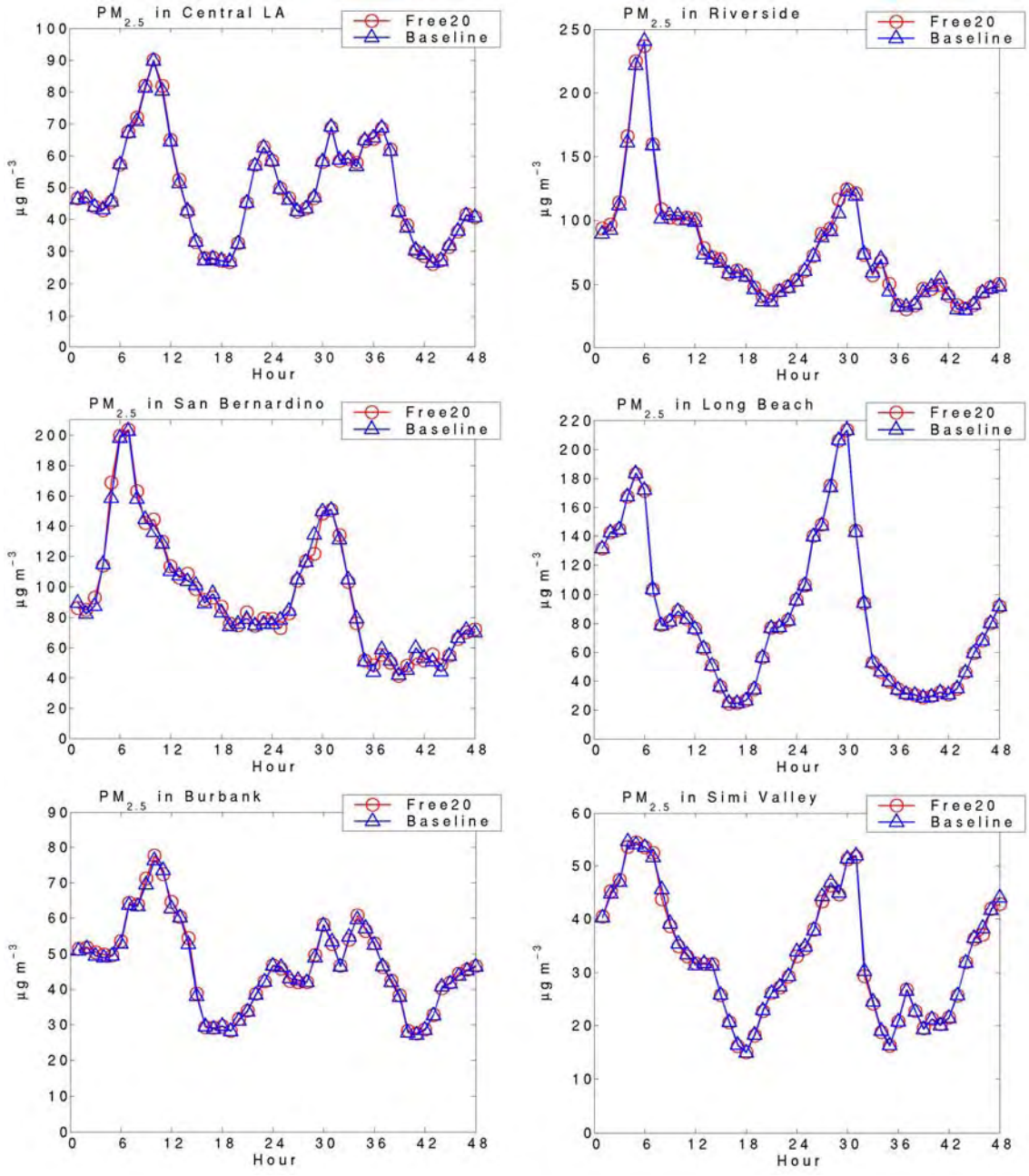

Figure H-28. Air quality impacts of Free20 scenario at different locations: $PM_{2.5}$

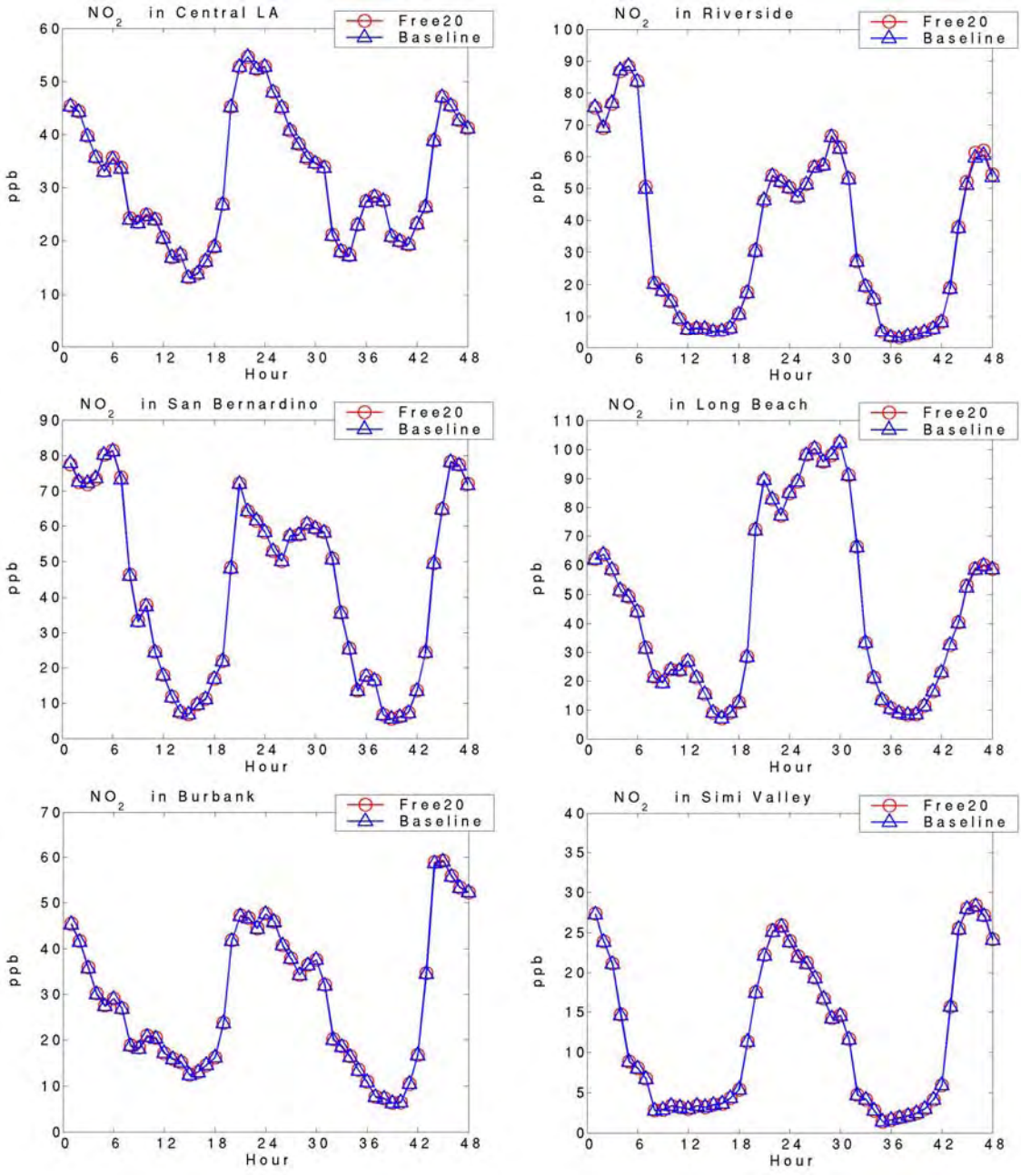

Figure H-29. Air quality impacts of Free20 scenario at different locations: NO_2

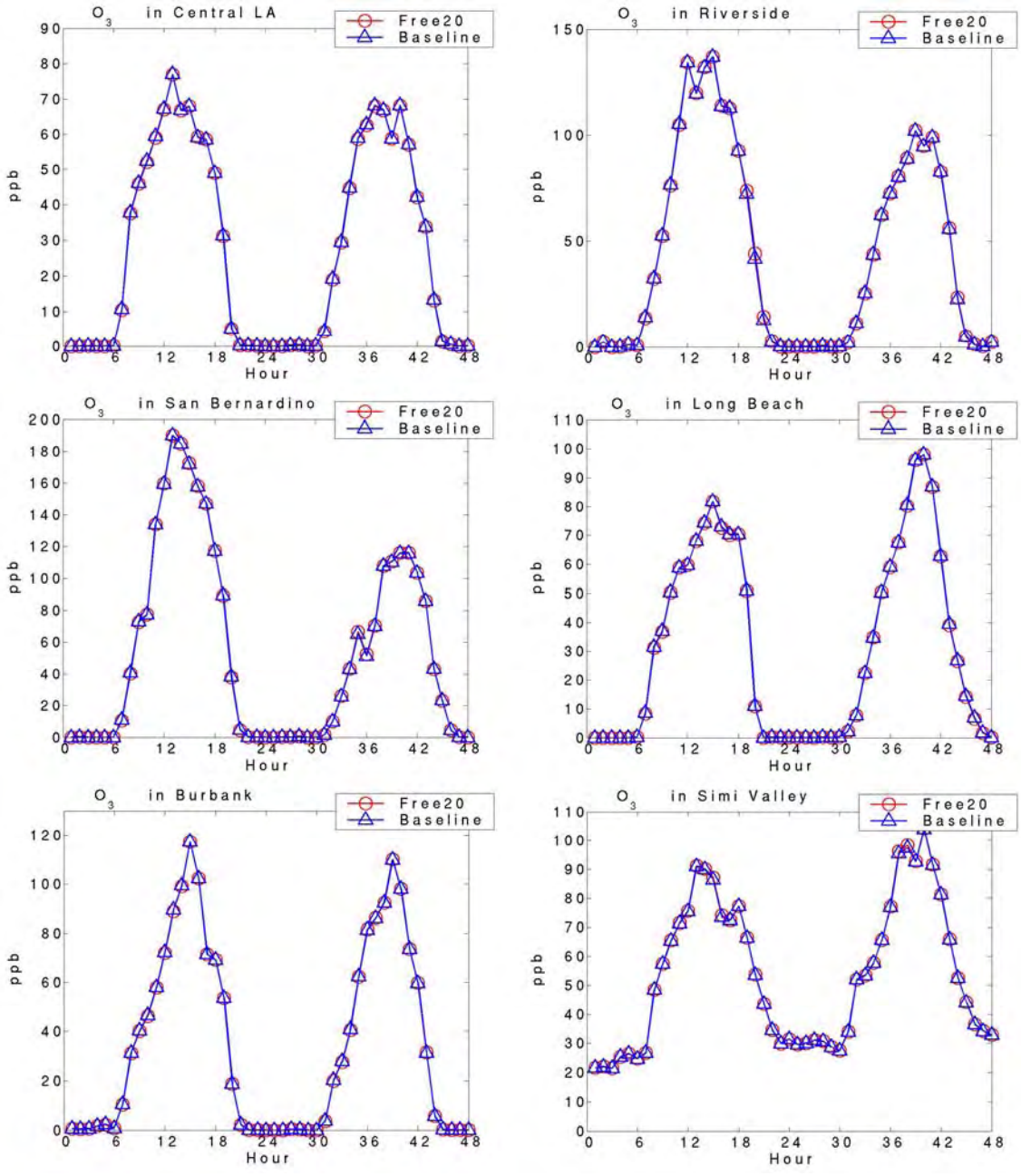

Figure H-30. Air quality impacts of Free20 scenario at different locations: O_3

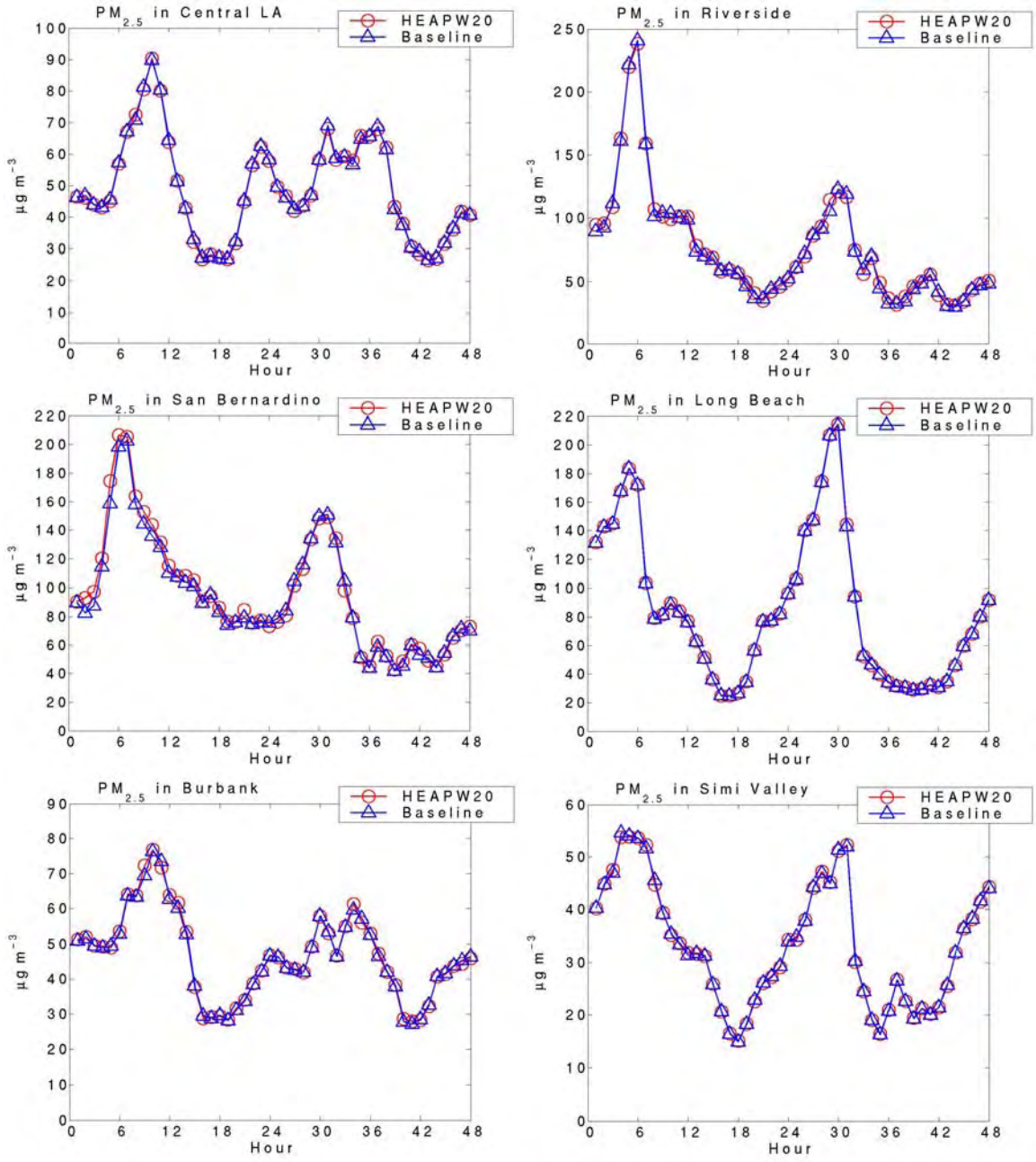

Figure H-31. Air quality impacts of HEAPW20 scenario at different locations: $PM_{2.5}$

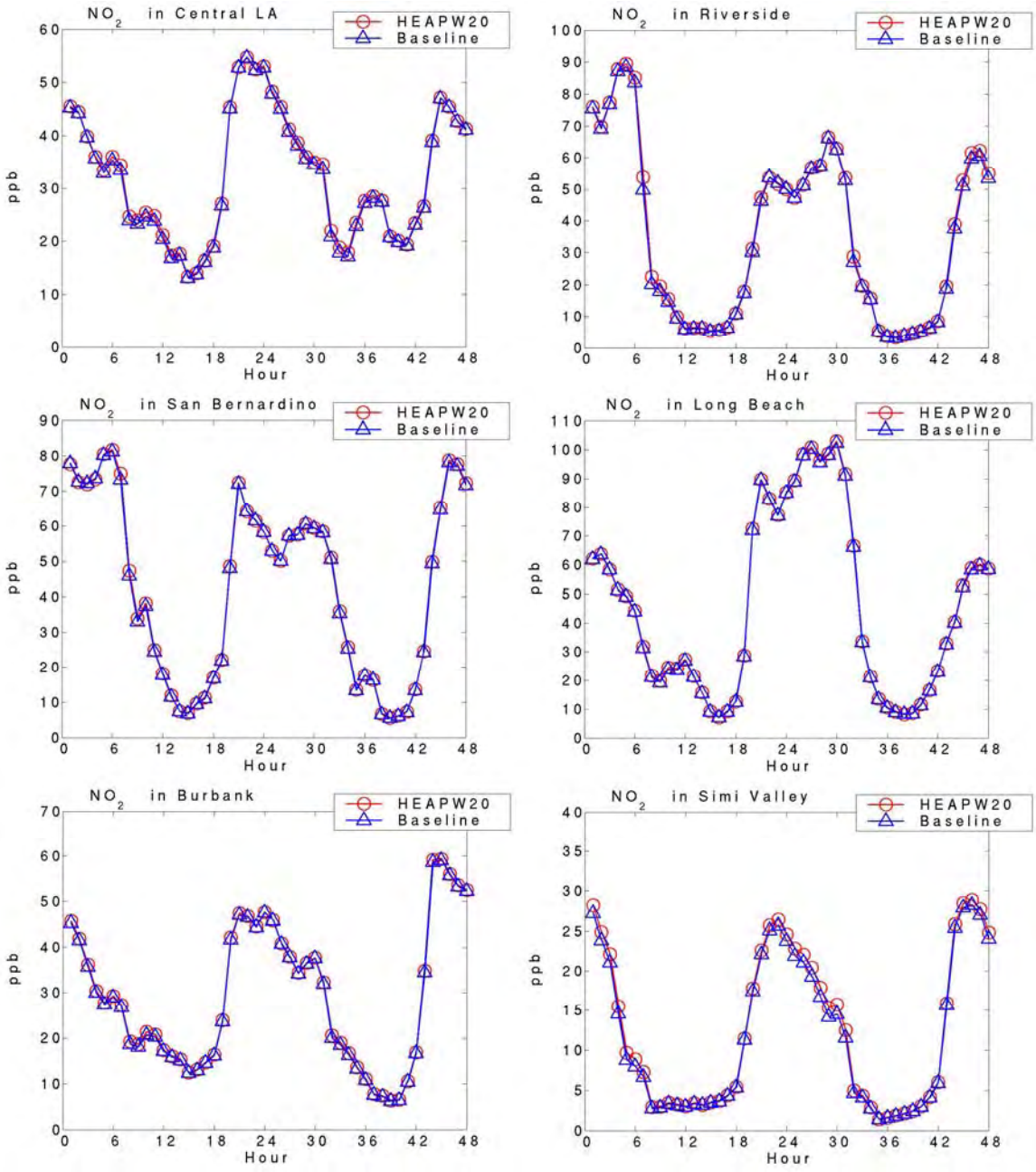

Figure H-32. Air quality impacts of HEAPW20 scenario at different locations: NO_2

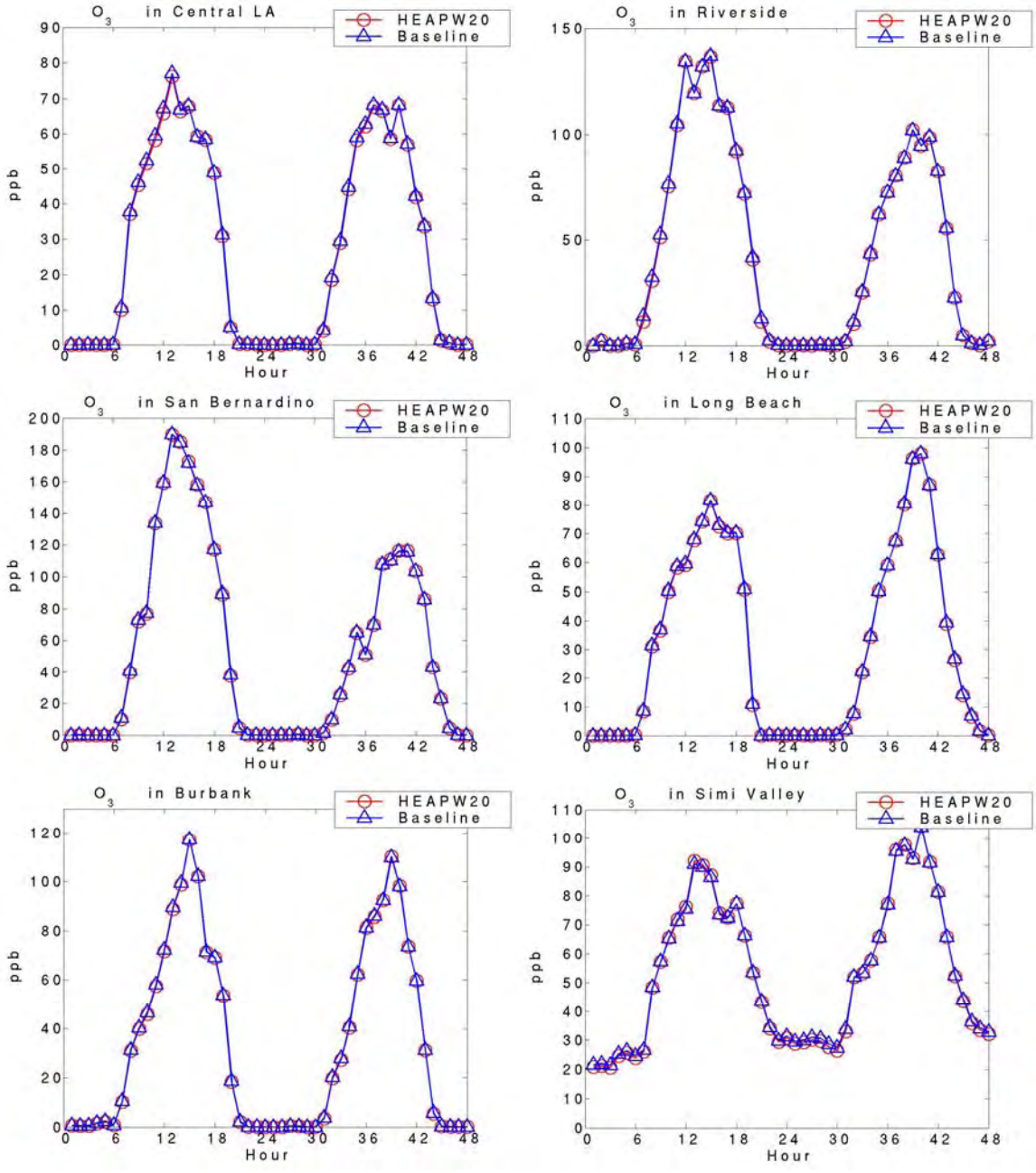

Figure H-33. Air quality impacts of HEAPW20 scenario at different locations: O_3

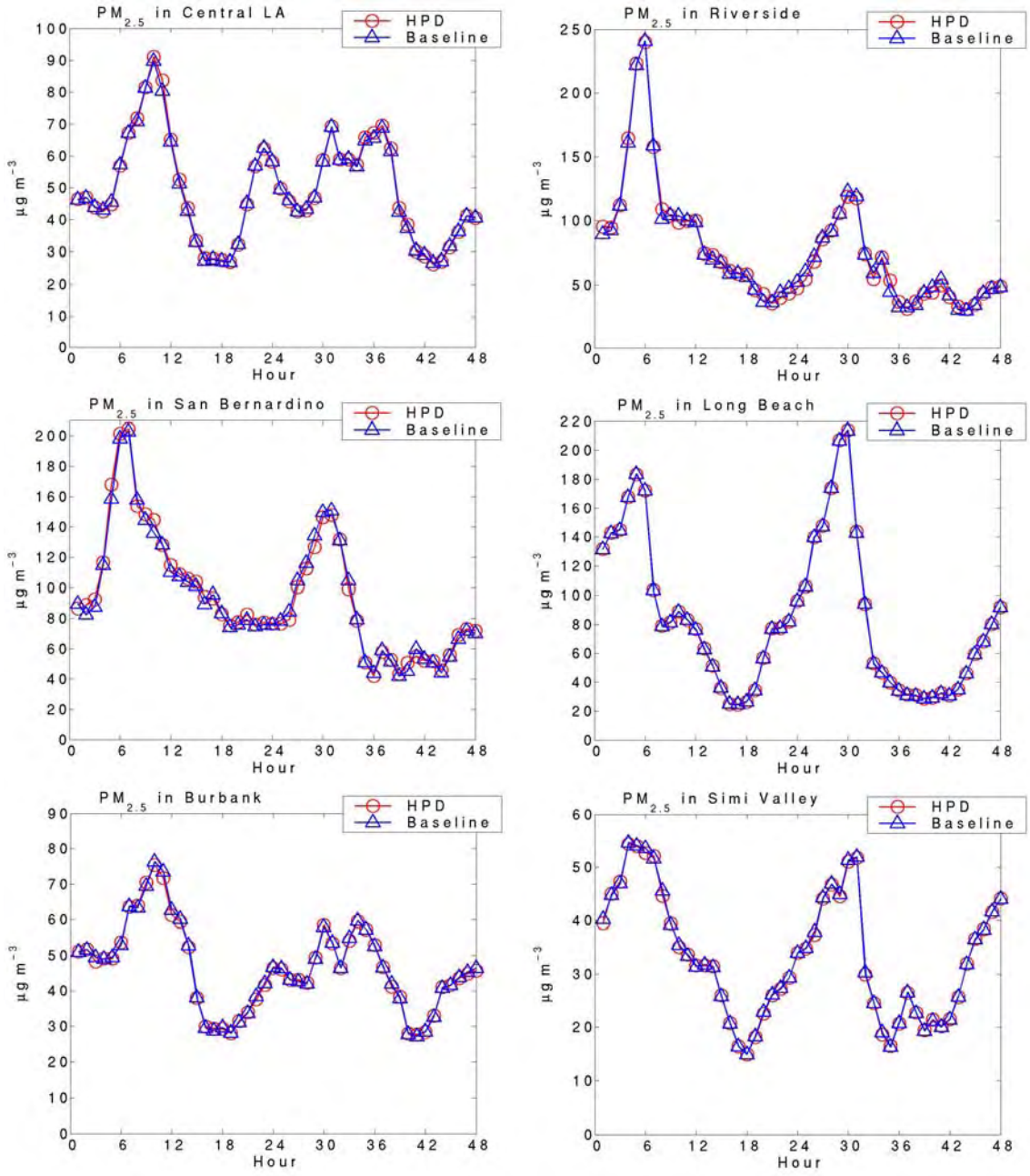

Figure H-34. Air quality impacts of HPD scenario at different locations: $PM_{2.5}$

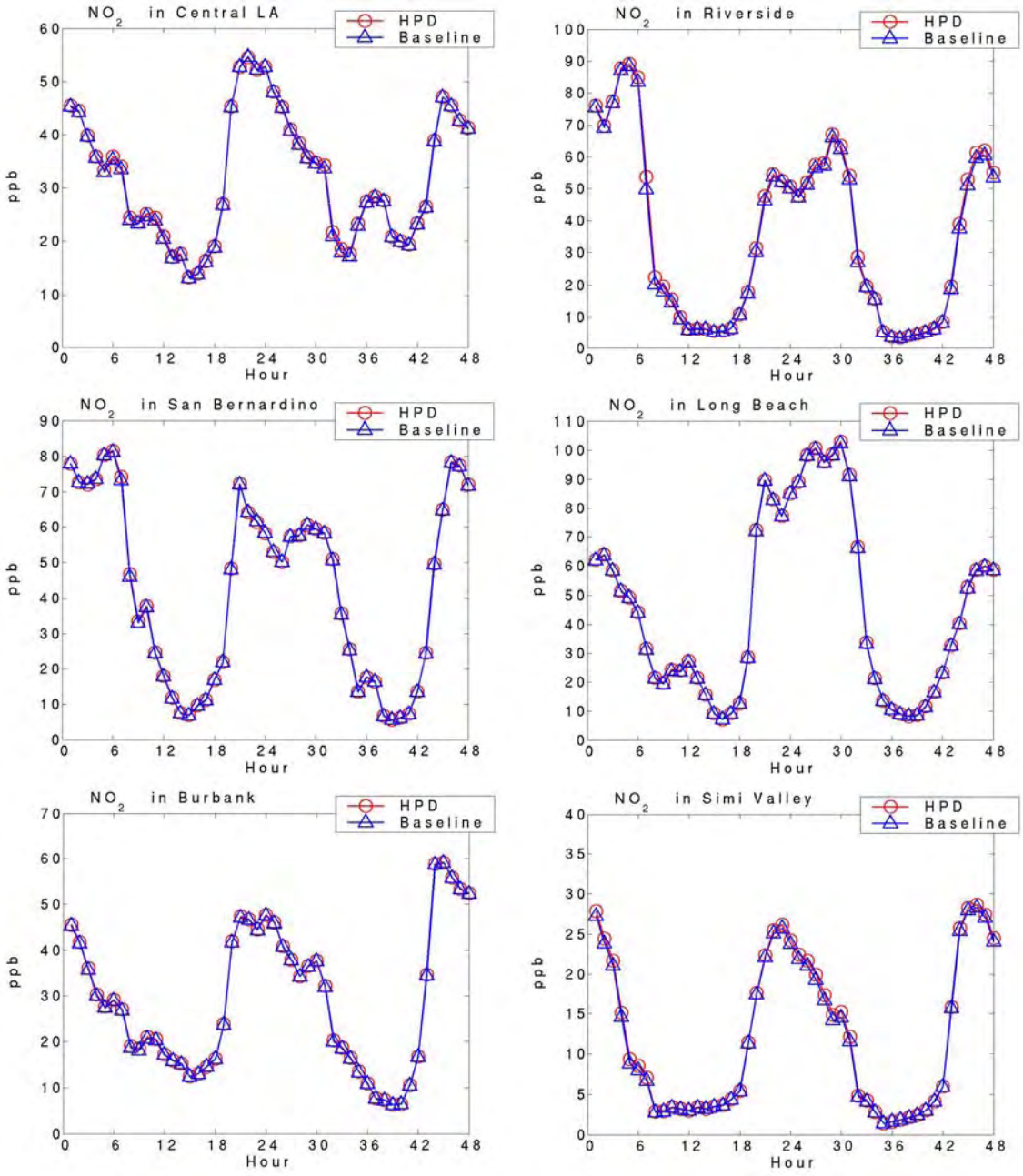

Figure H-35. Air quality impacts of HPD scenario at different locations: NO_2

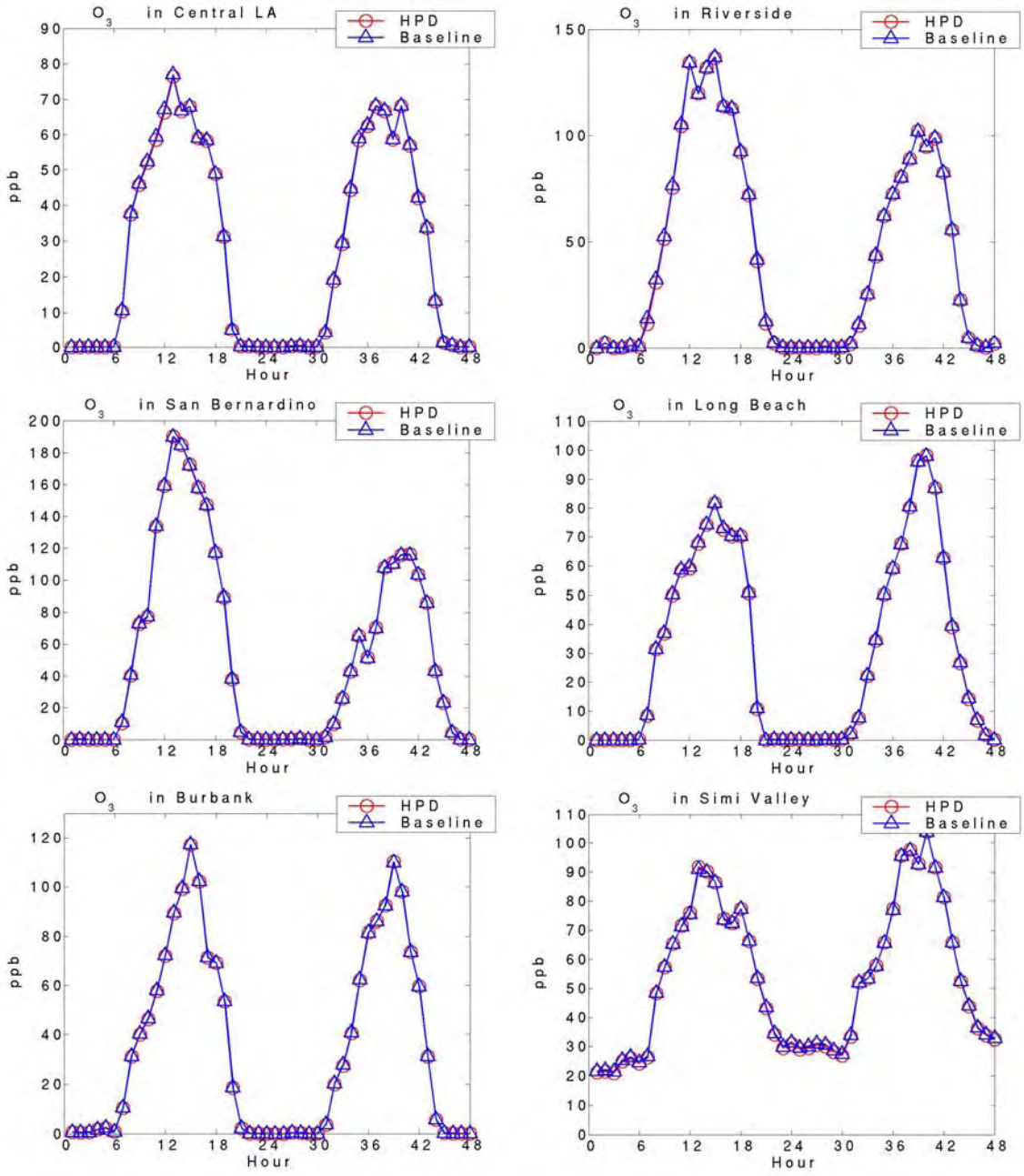

Figure H-36. Air quality impacts of HPD scenario at different locations: O_3

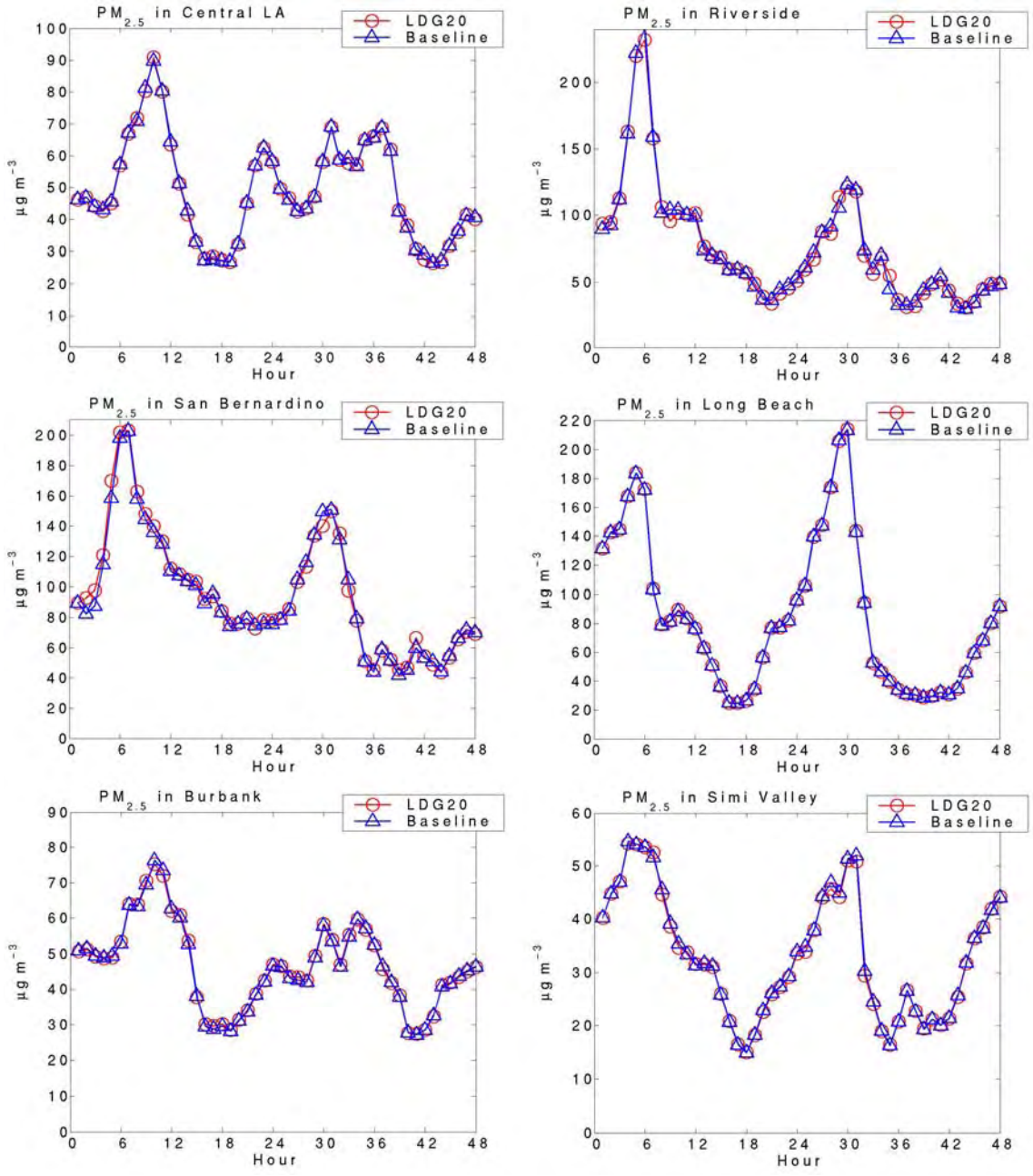

Figure H-37. Air quality impacts of LDG20 scenario at different locations: $PM_{2.5}$

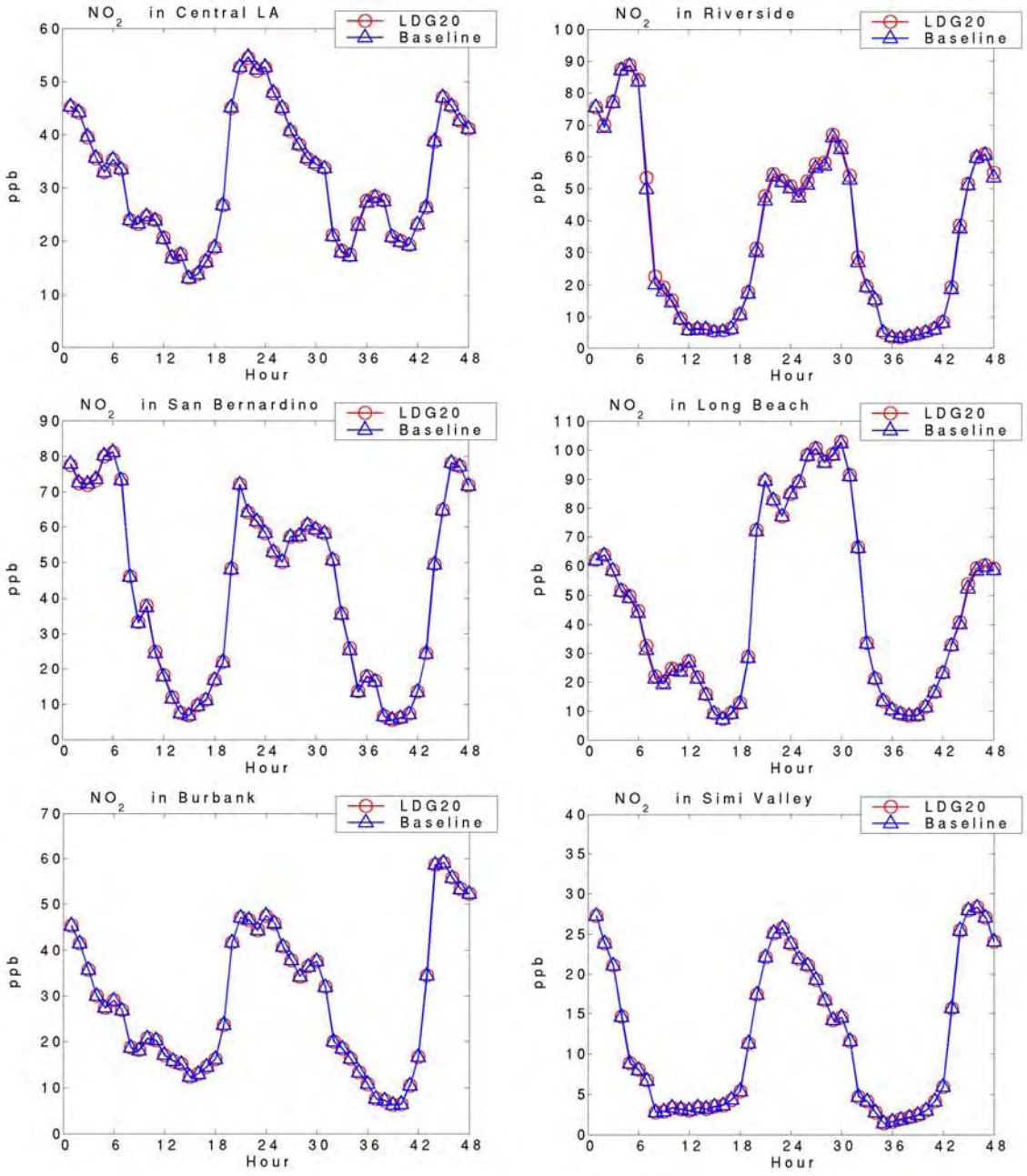

Figure H-38. Air quality impacts of LDG20 scenario at different locations: NO_2

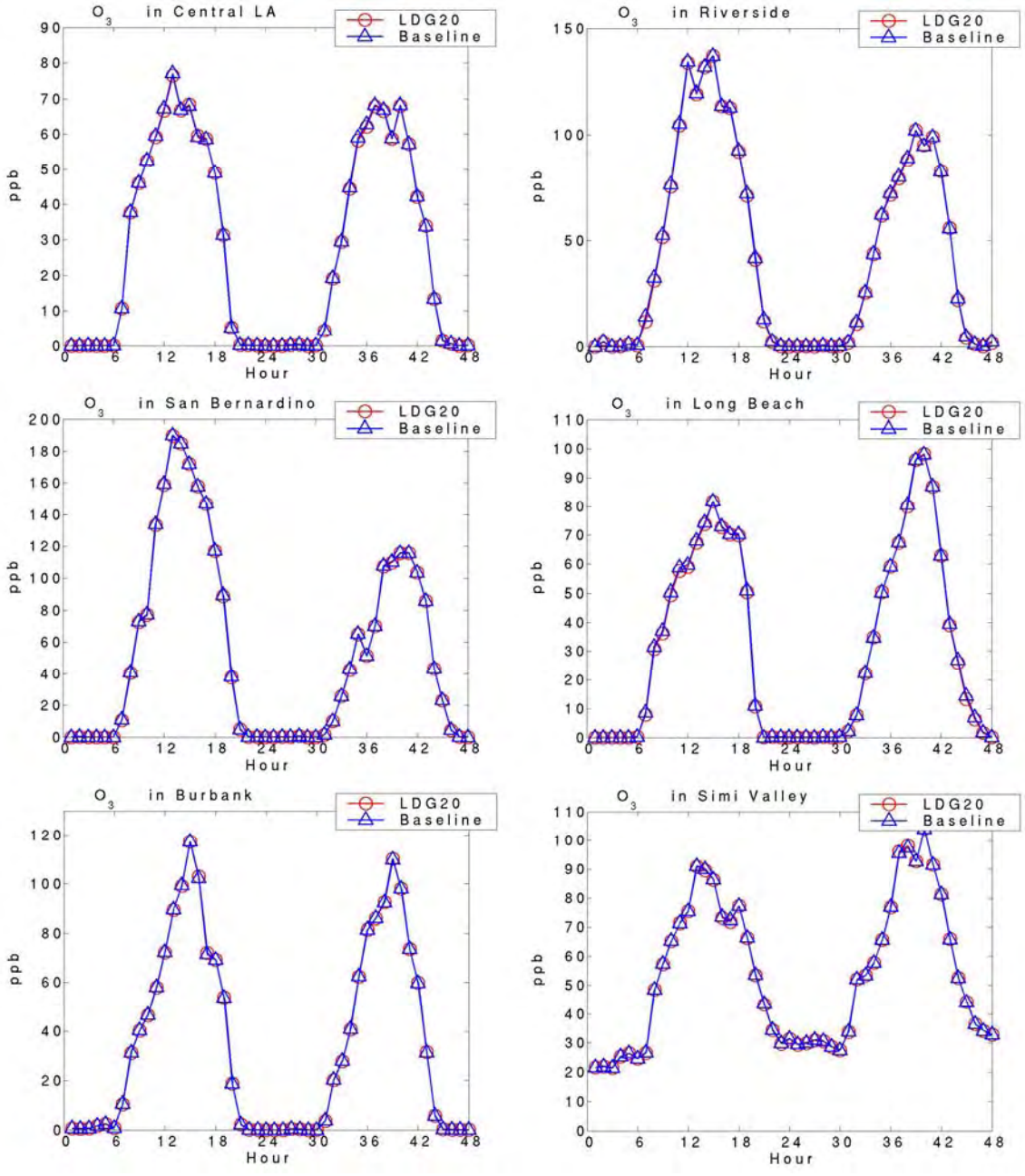

Figure H-39. Air quality impacts of LDG20 scenario at different locations: O_3

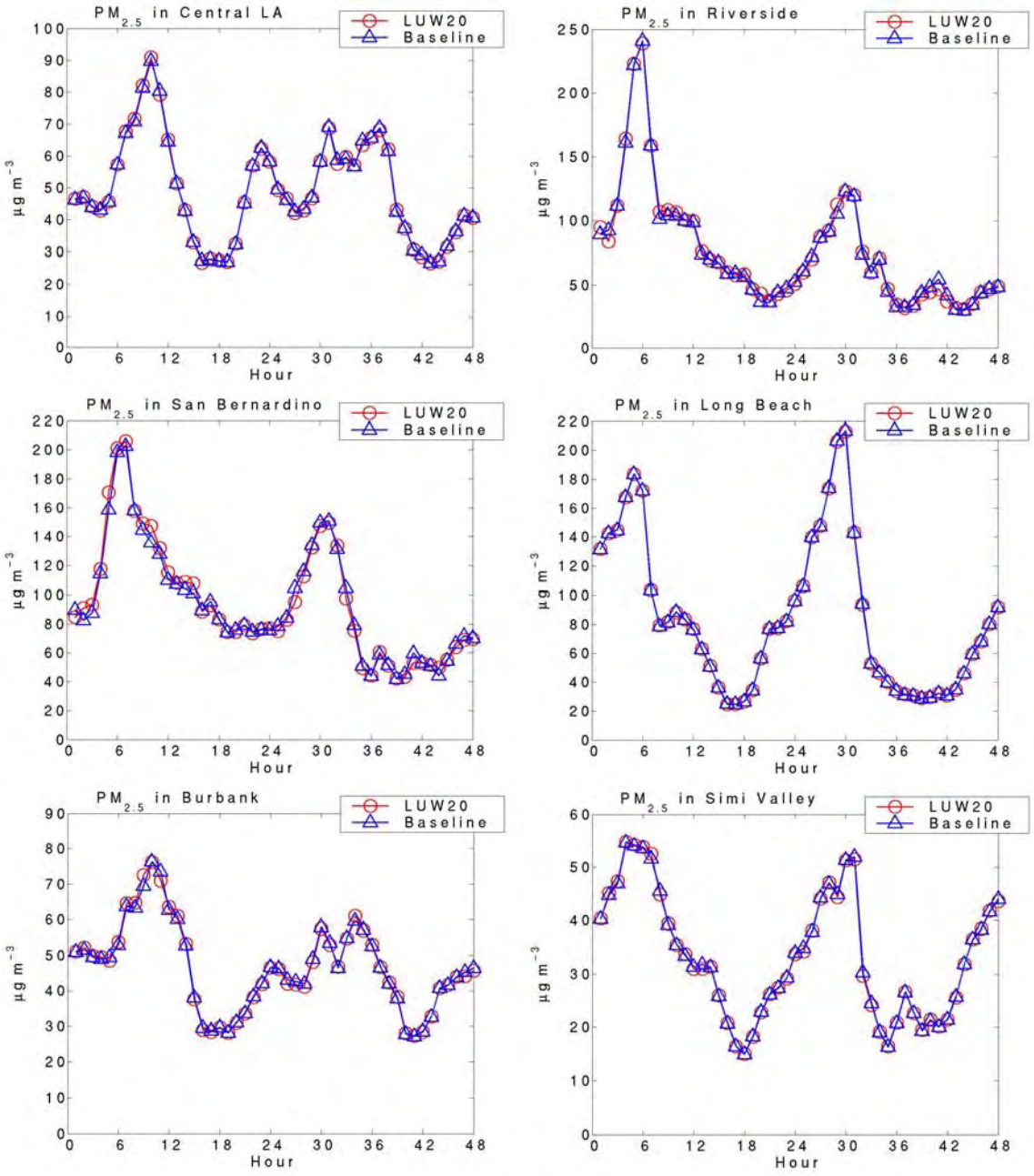

Figure H-40. Air quality impacts of LUW20 scenario at different locations: $PM_{2.5}$

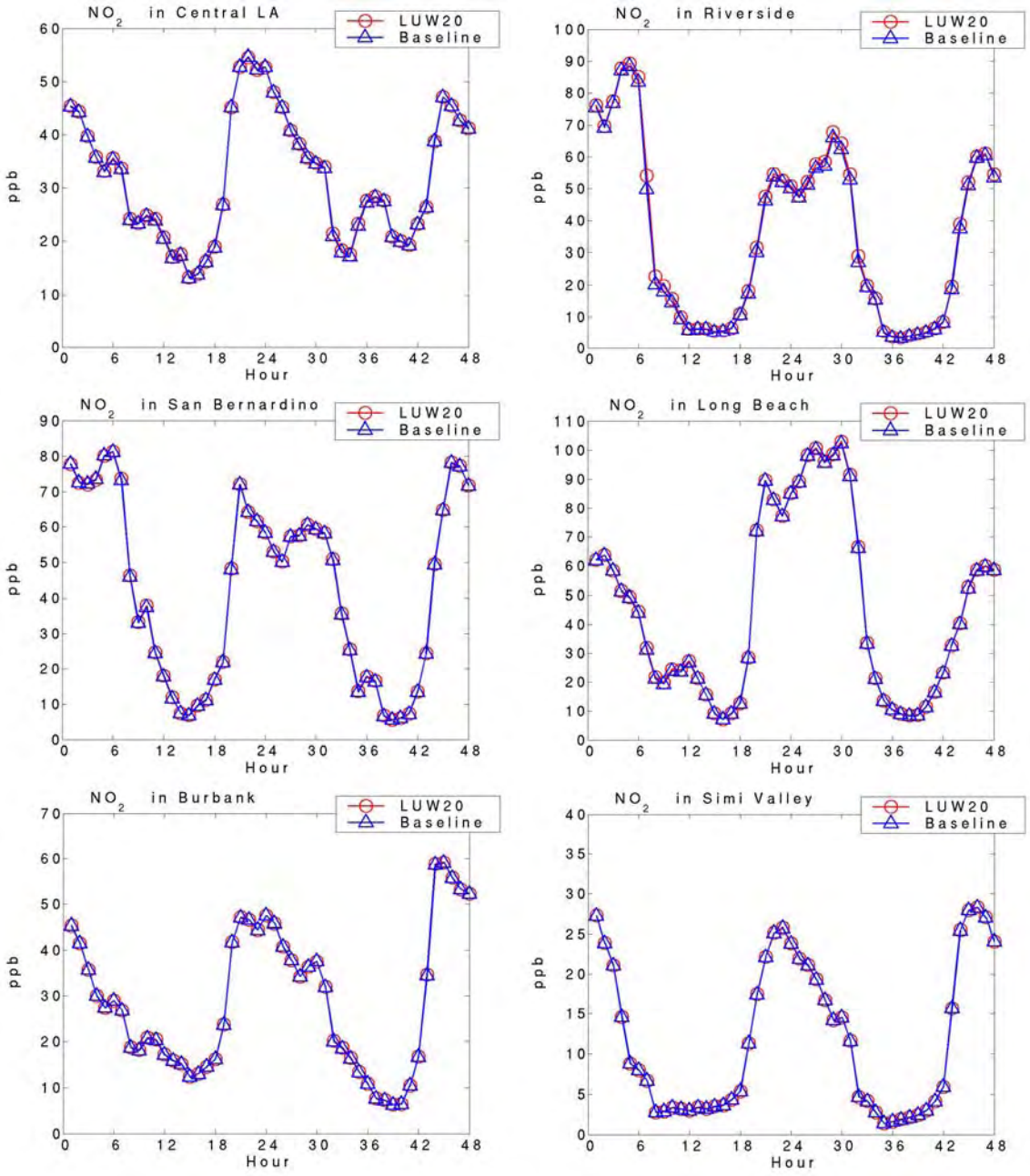

Figure H-41. Air quality impacts of LUW20 scenario at different locations: NO_2

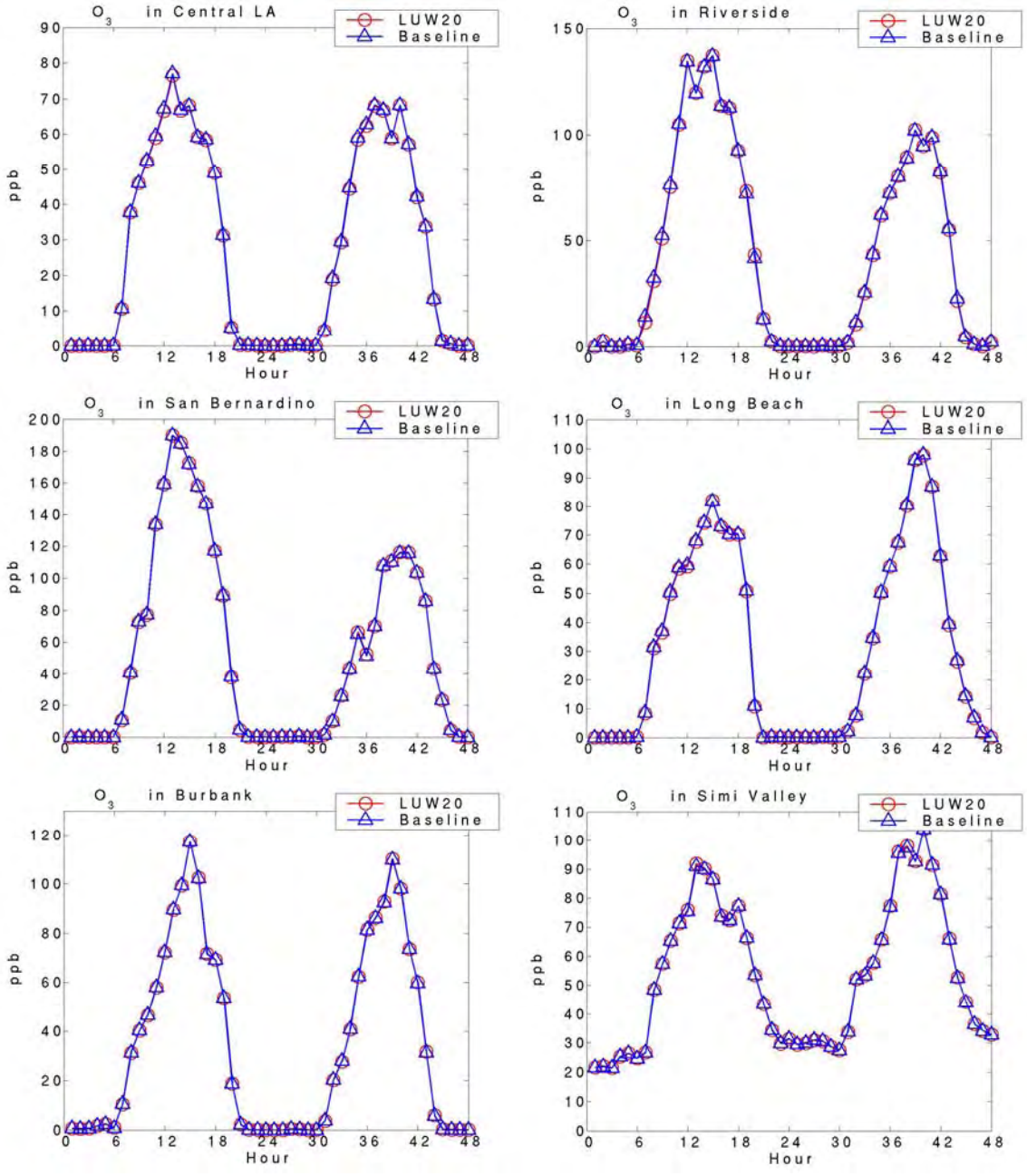

Figure H-42. Air quality impacts of LUW20 scenario at different locations: O_3

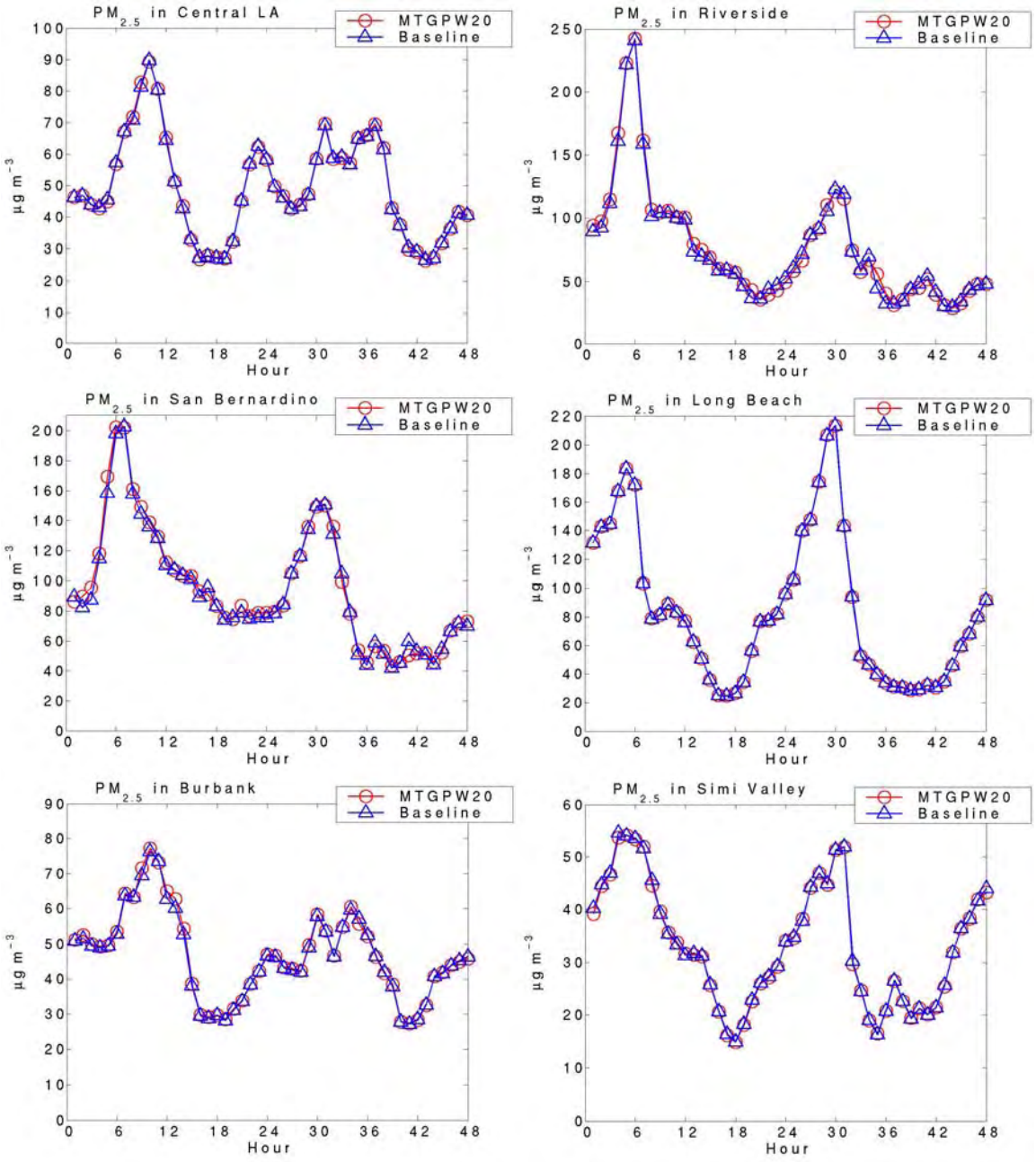

Figure H-43. Air quality impacts of MTGPW20 scenario at different locations: $PM_{2.5}$

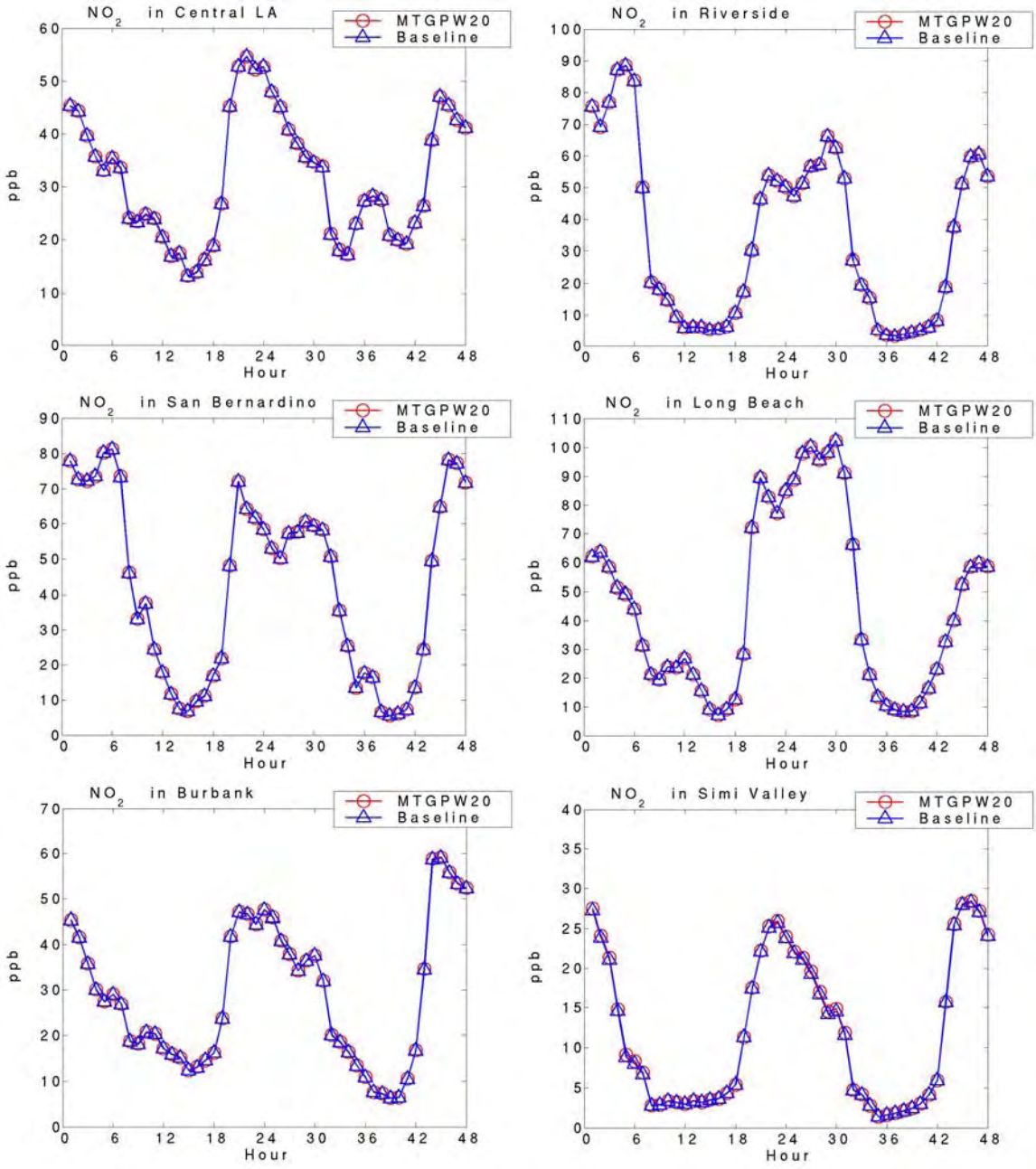

Figure H-44. Air quality impacts of MTGPW20 scenario at different locations: NO_2

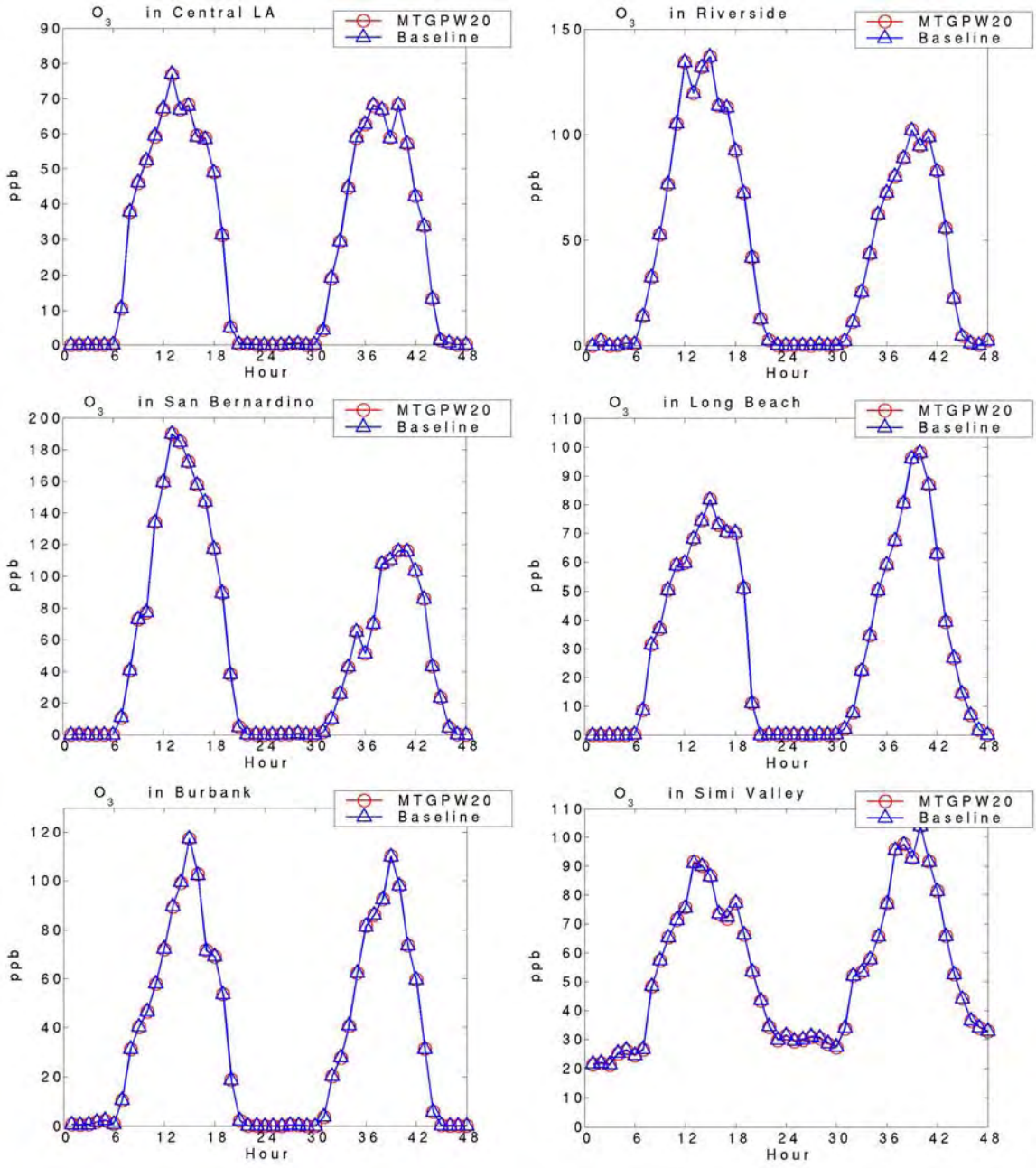

Figure H-45. Air quality impacts of MTGPW20 scenario at different locations: O_3

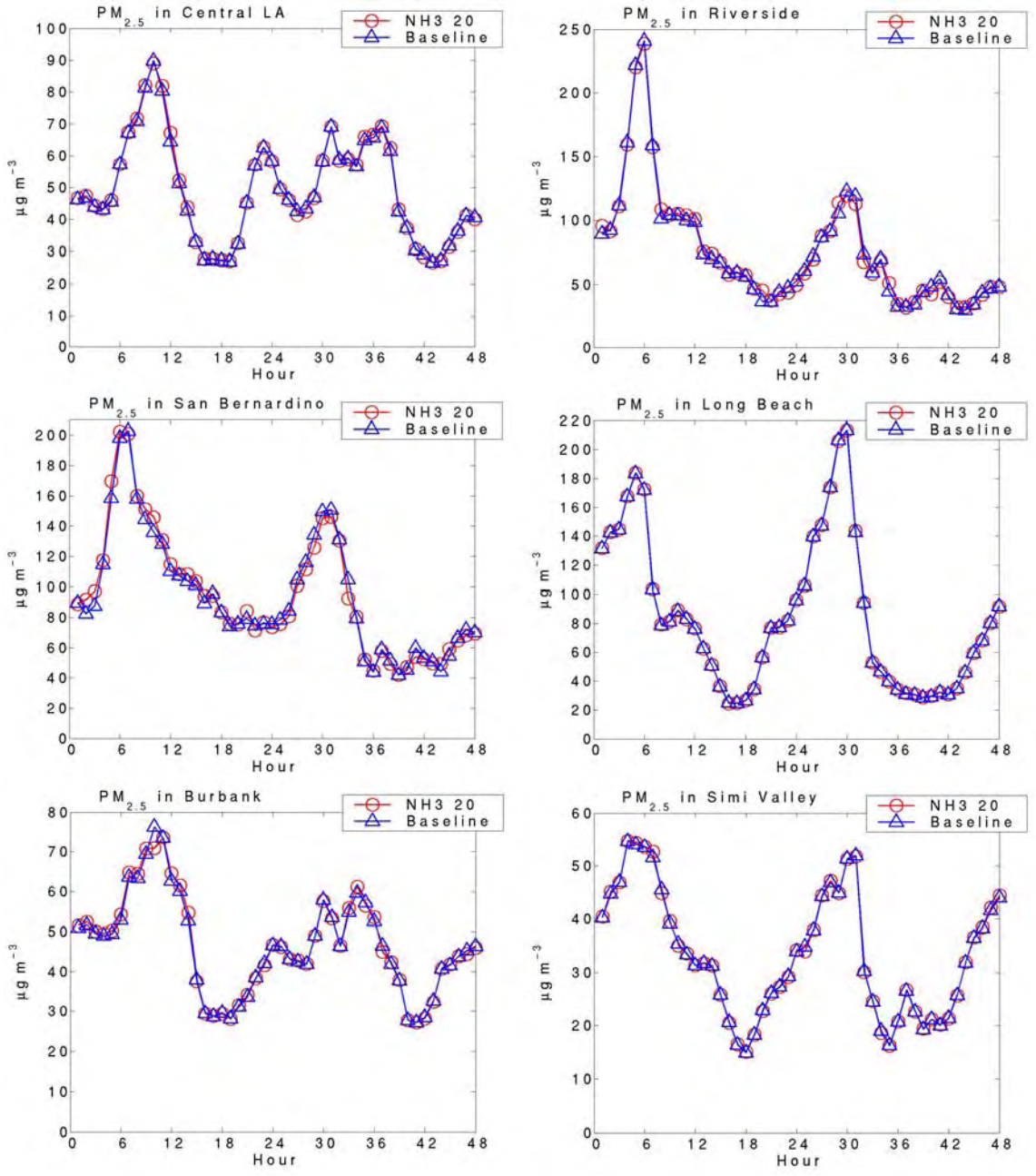

Figure H-46. Air quality impacts of NH3-20 scenario at different locations: $PM_{2.5}$

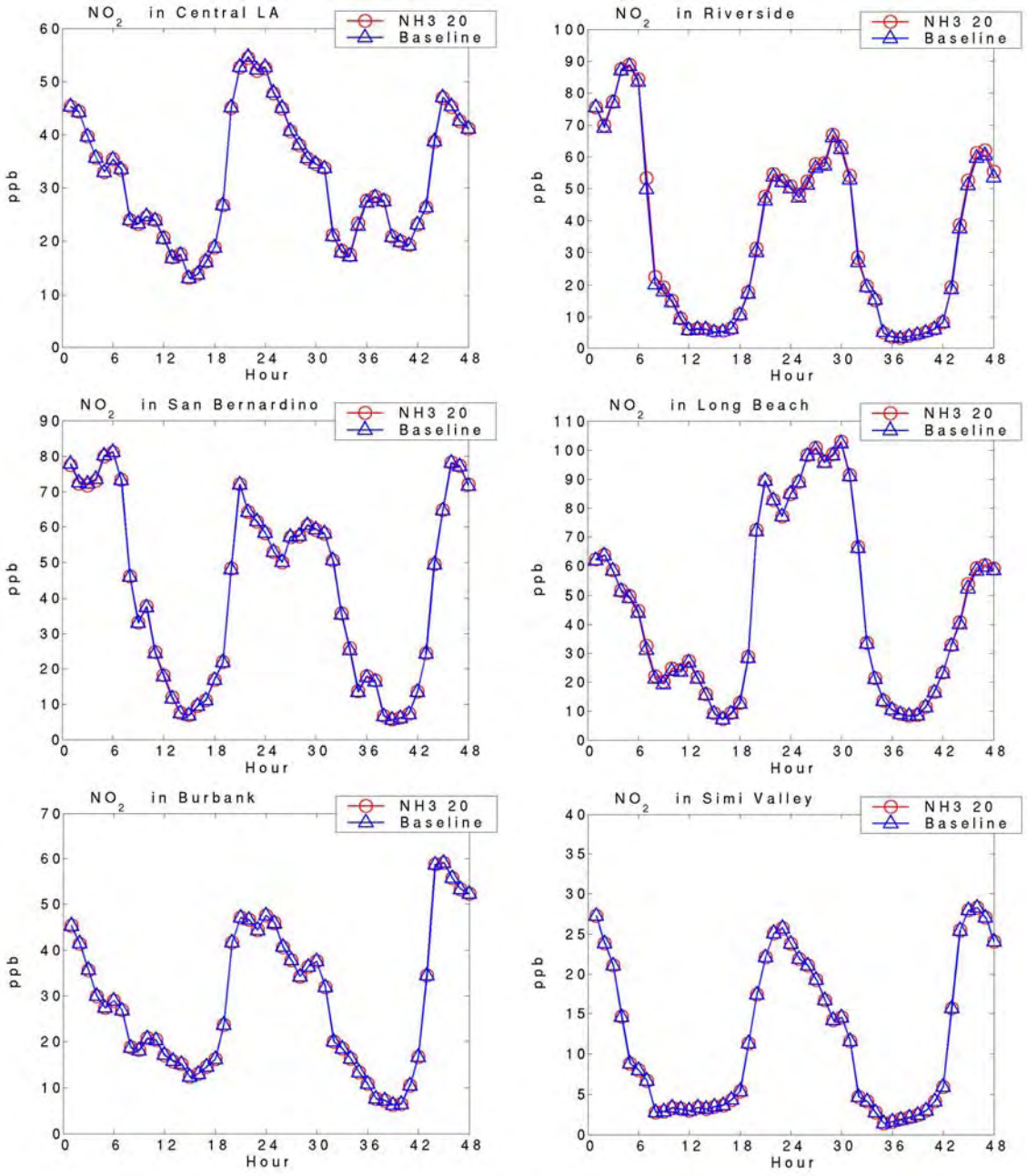

Figure H-47. Air quality impacts of NH3-20 scenario at different locations: NO_2

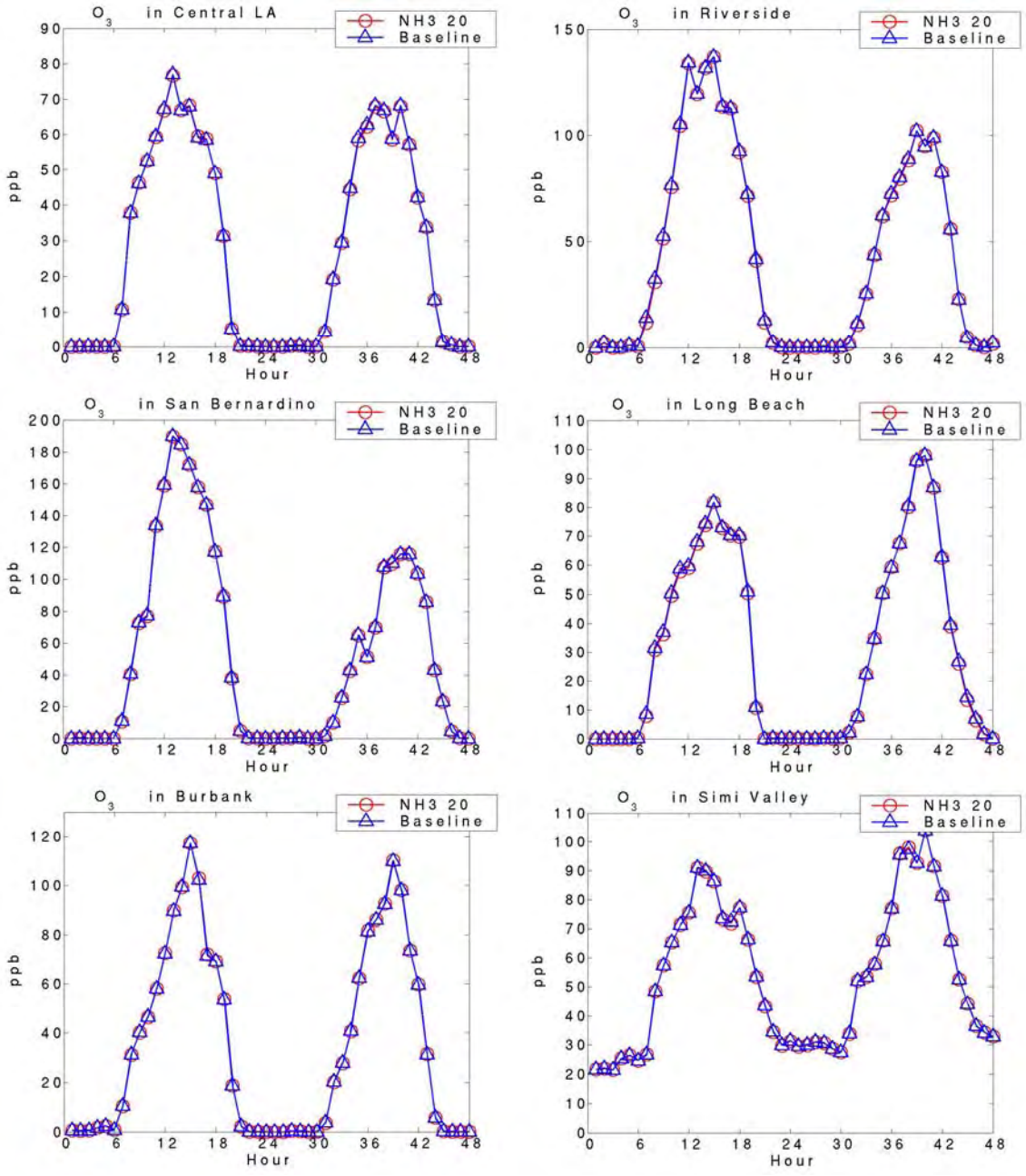

Figure H-48. Air quality impacts of NH3-20 scenario at different locations: O_3

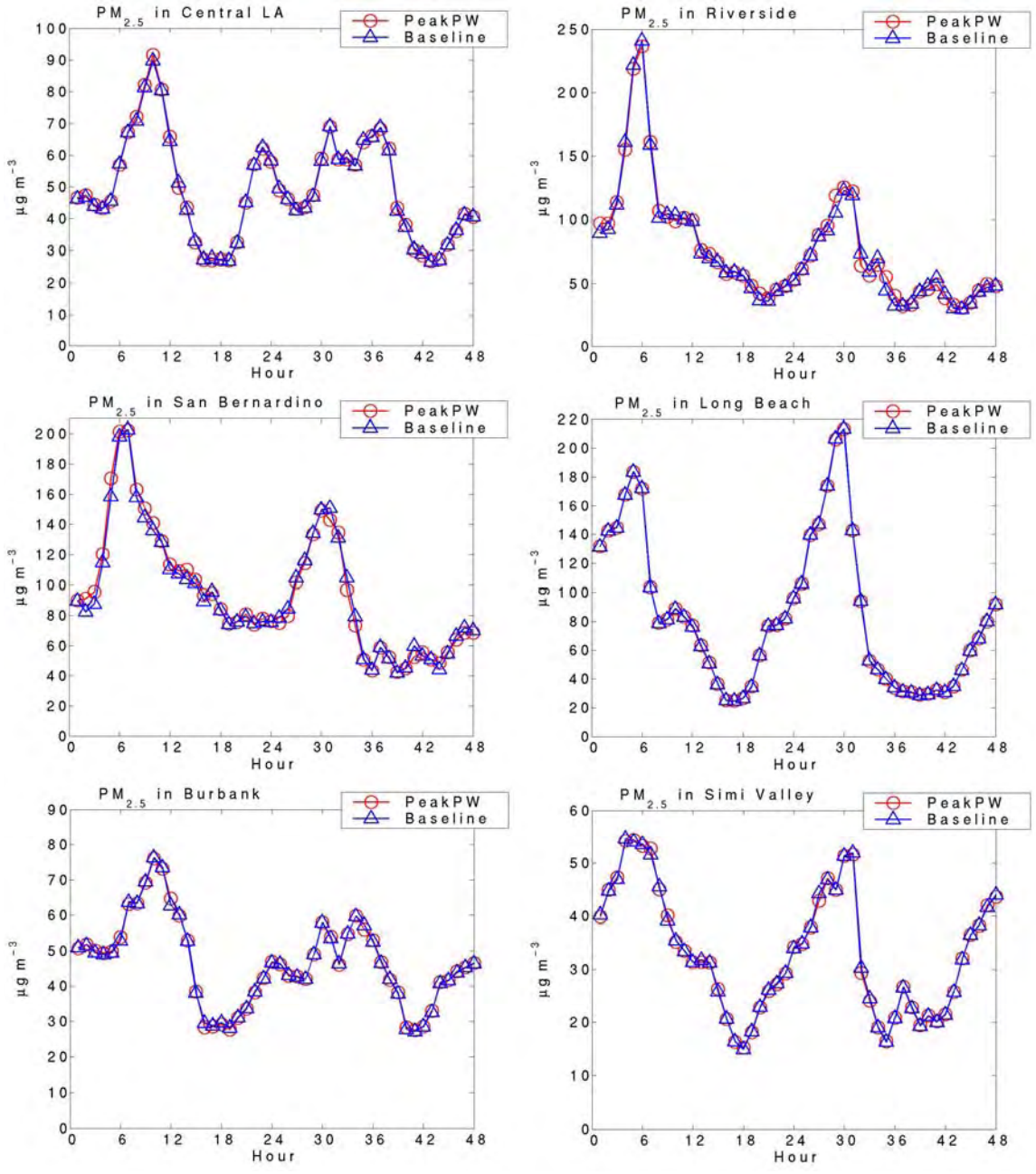

Figure H-49. Air quality impacts of PeakPW scenario at different locations: $PM_{2.5}$

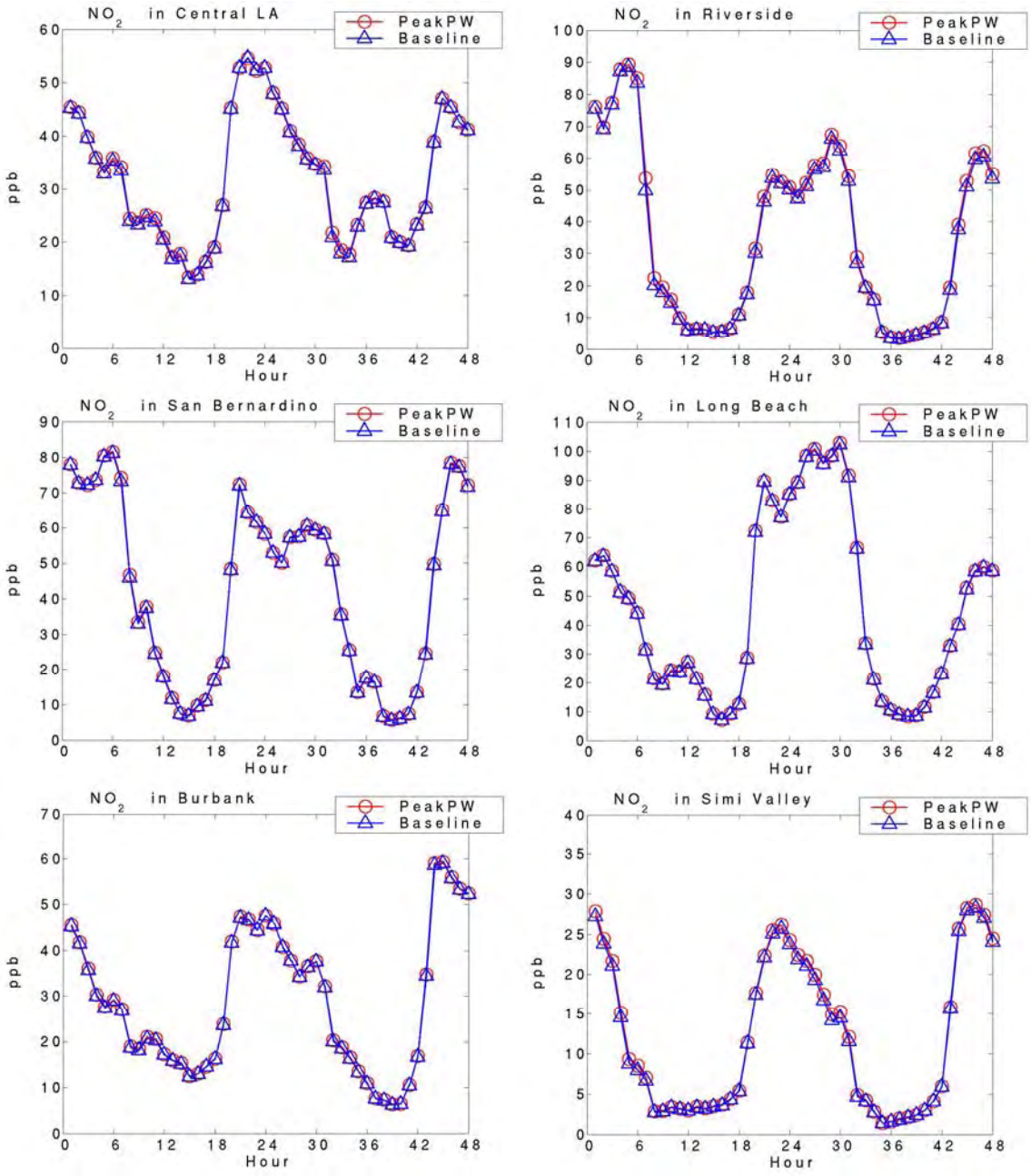

Figure H-50. Air quality impacts of PeakPW scenario at different locations: NO_2

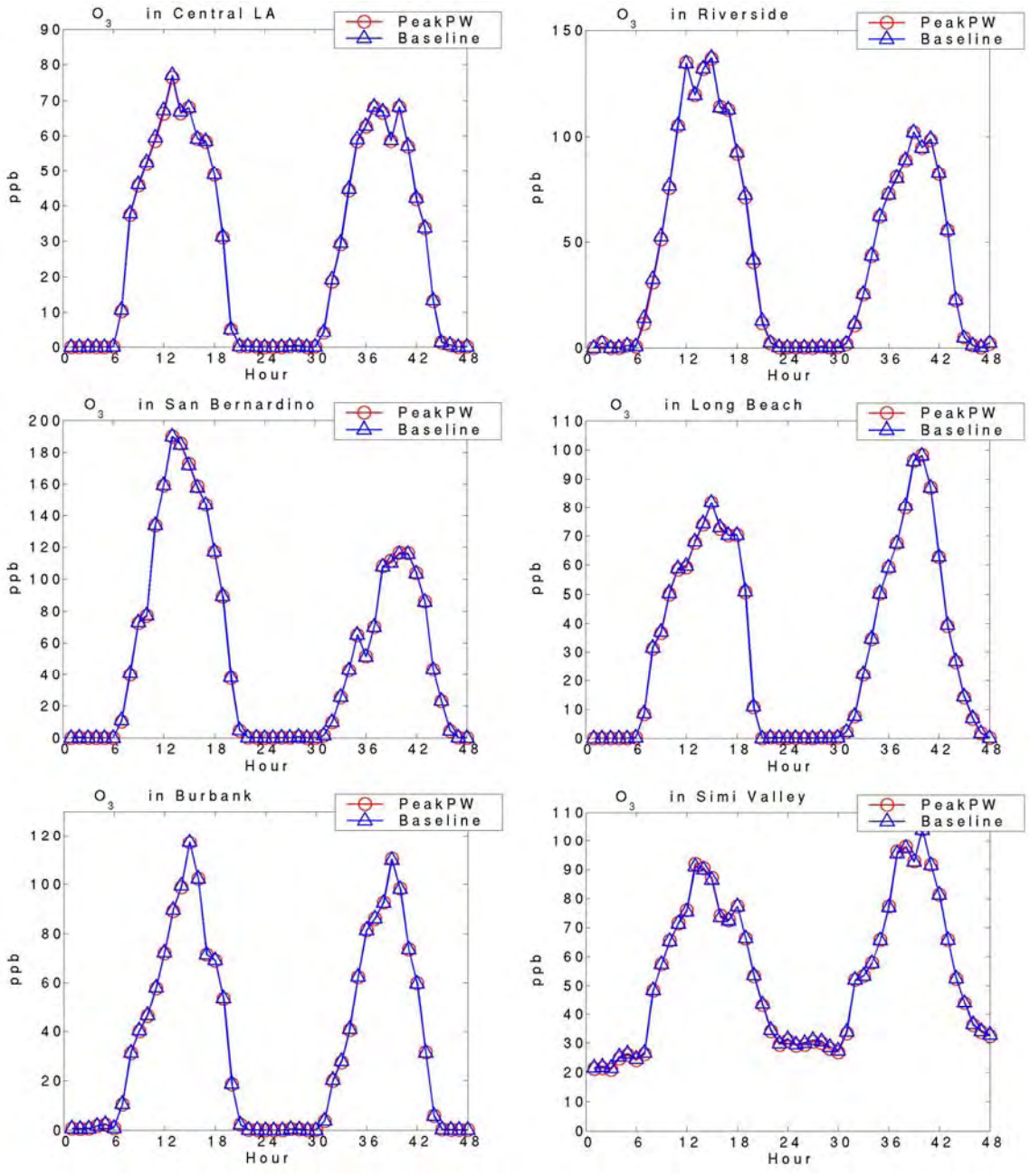

Figure H-51. Air quality impacts of PeakPW scenario at different locations: O_3

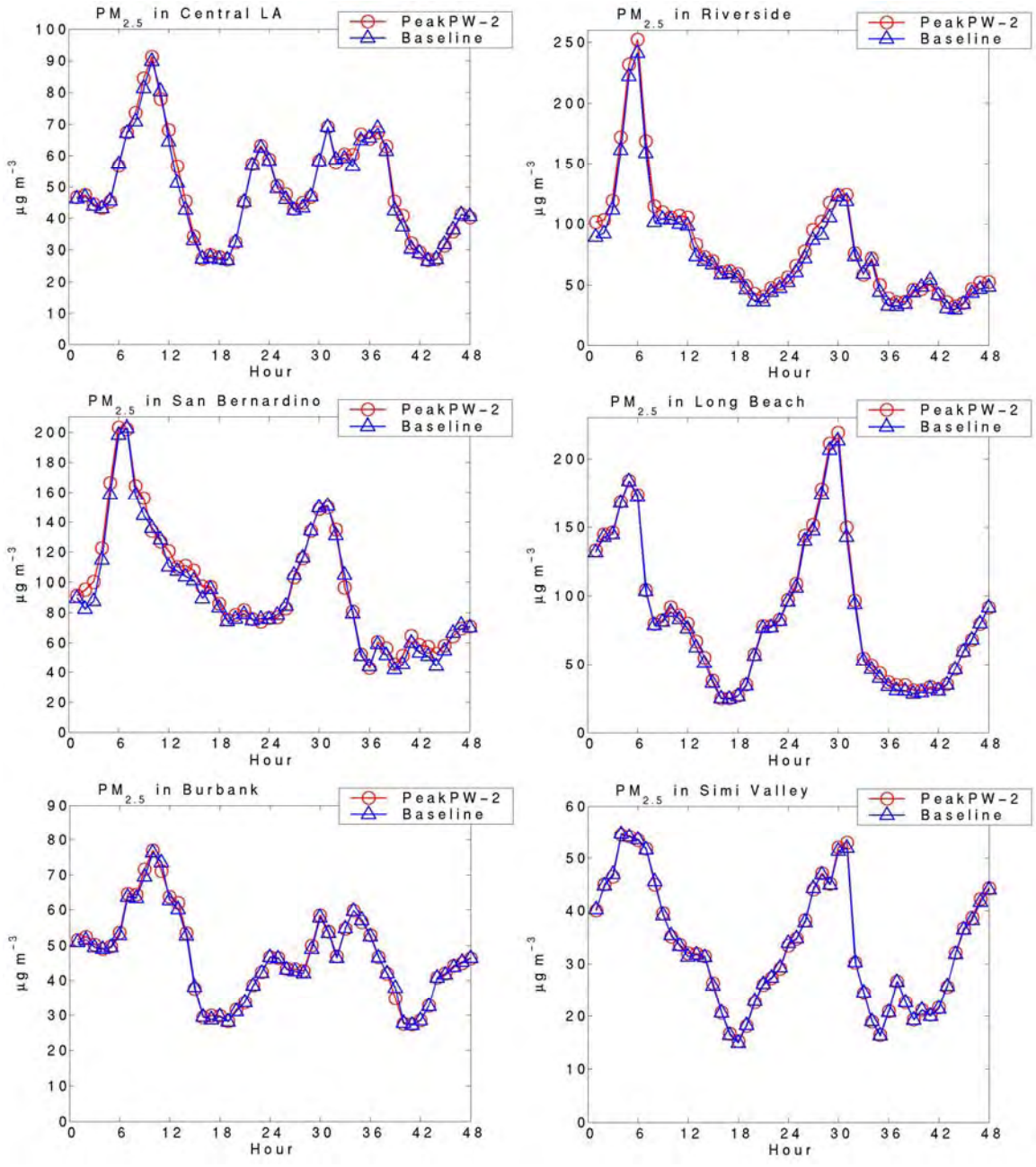

Figure H-52. Air quality impacts of PeakPW-2 scenario at different locations: $PM_{2.5}$

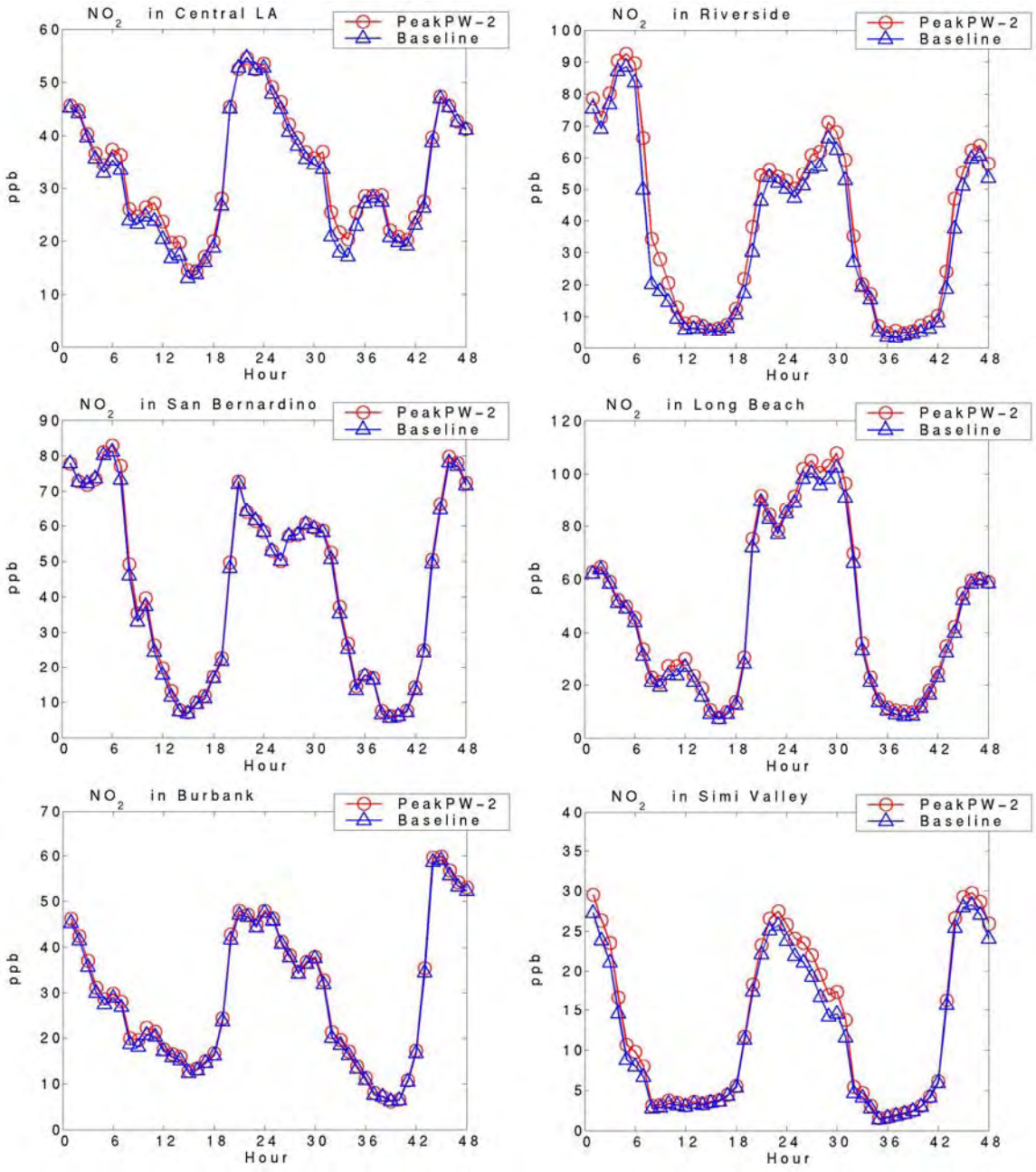

Figure H-53. Air quality impacts of PeakPW-2 scenario at different locations: NO_2

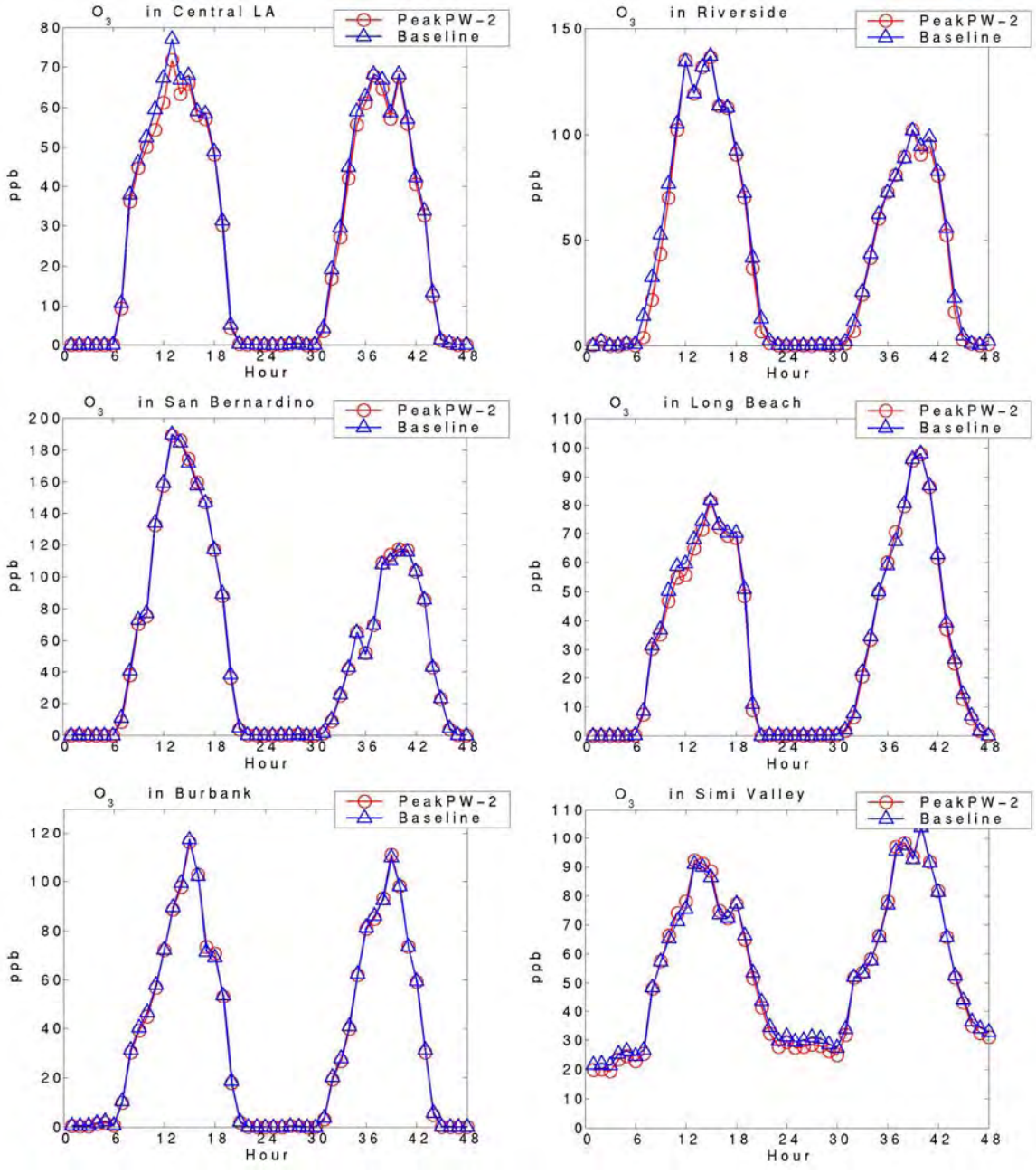

Figure H-54. Air quality impacts of PeakPW-2 scenario at different locations: O_3

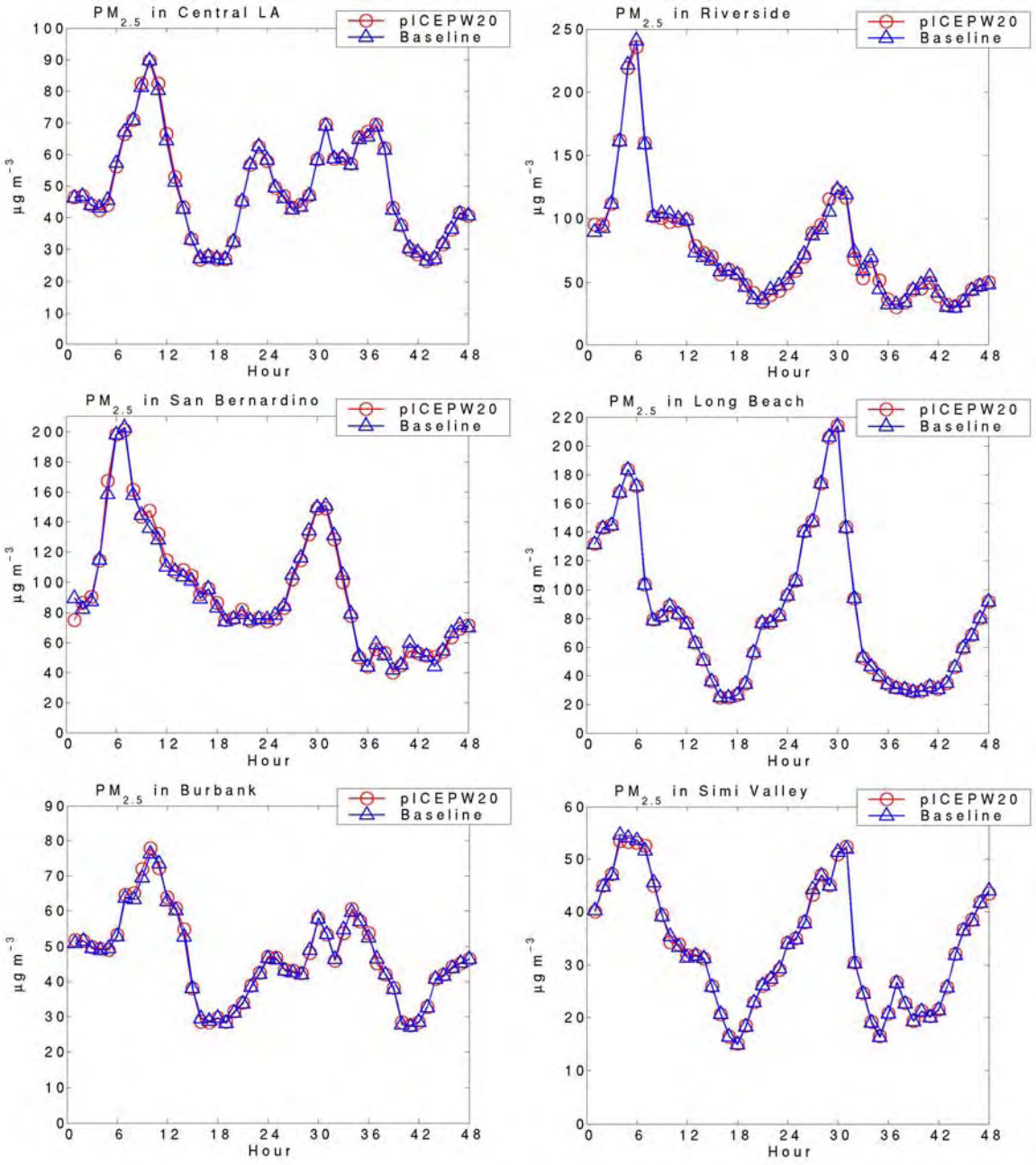

Figure H-55. Air quality impacts of PermICEPW20 scenario at different locations: $PM_{2.5}$

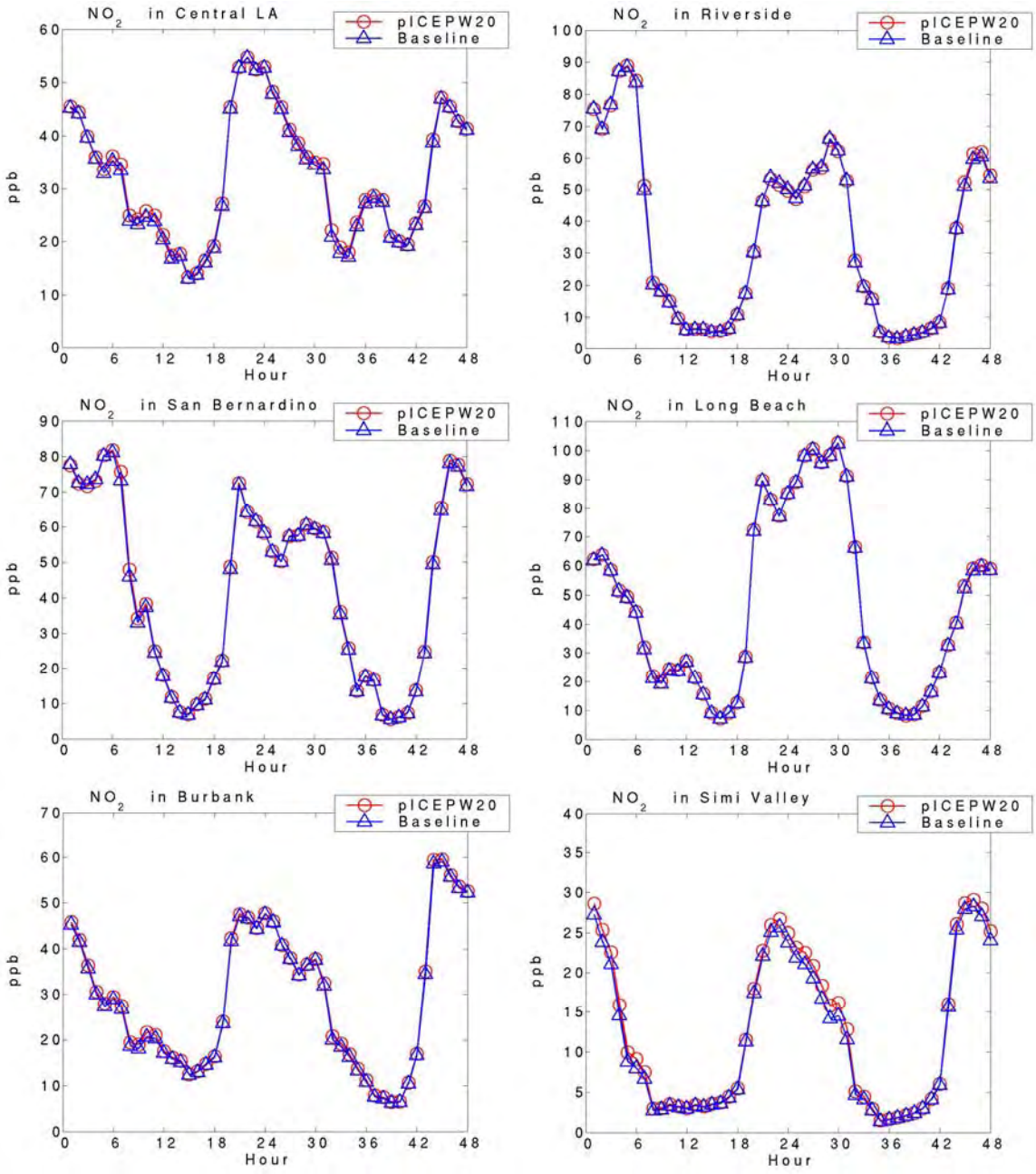

Figure H-56. Air quality impacts of PermICEPW20 scenario at different locations: NO_2

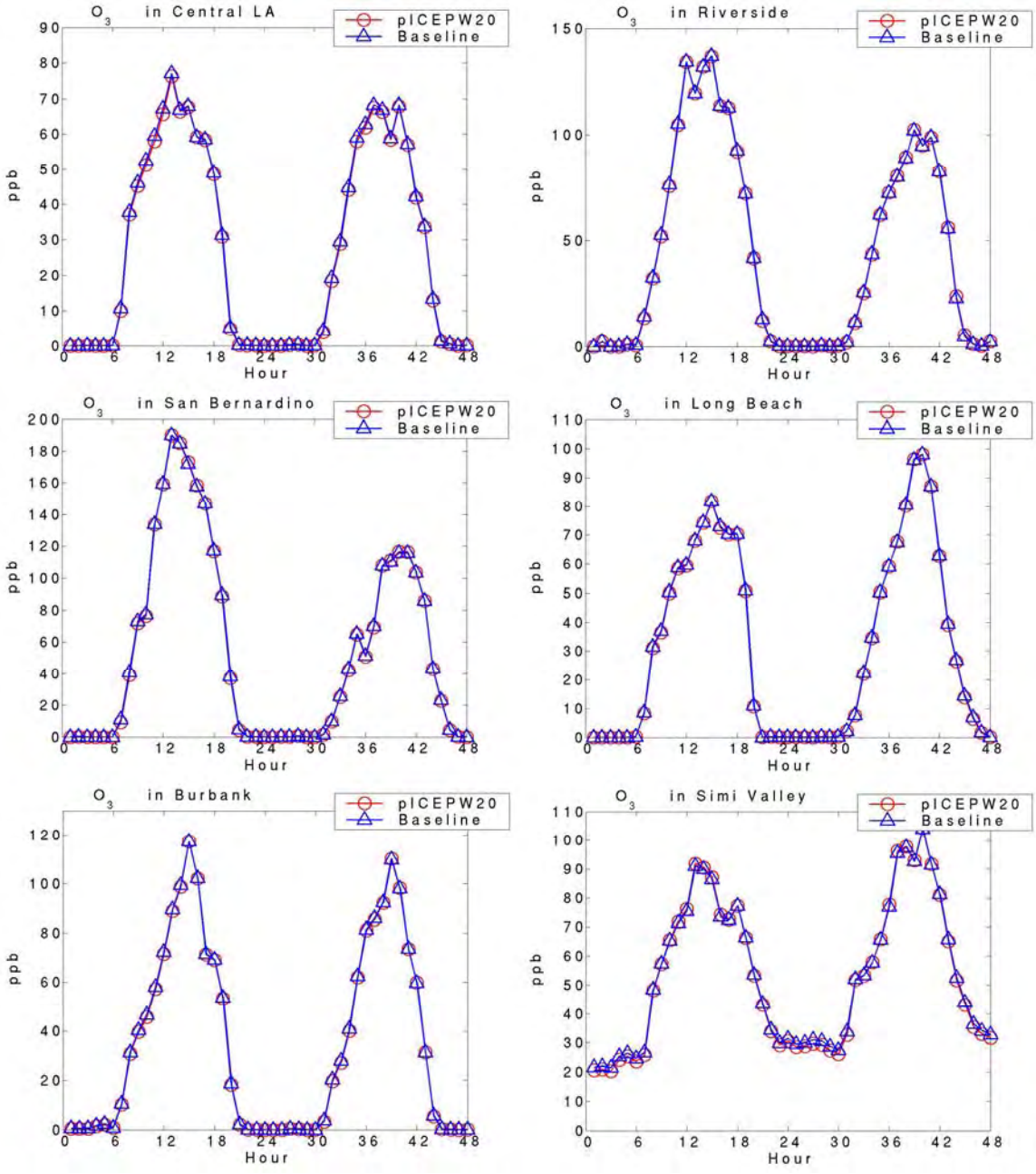

Figure H-57. Air quality impacts of PermICEPW20 scenario at different locations: O_3

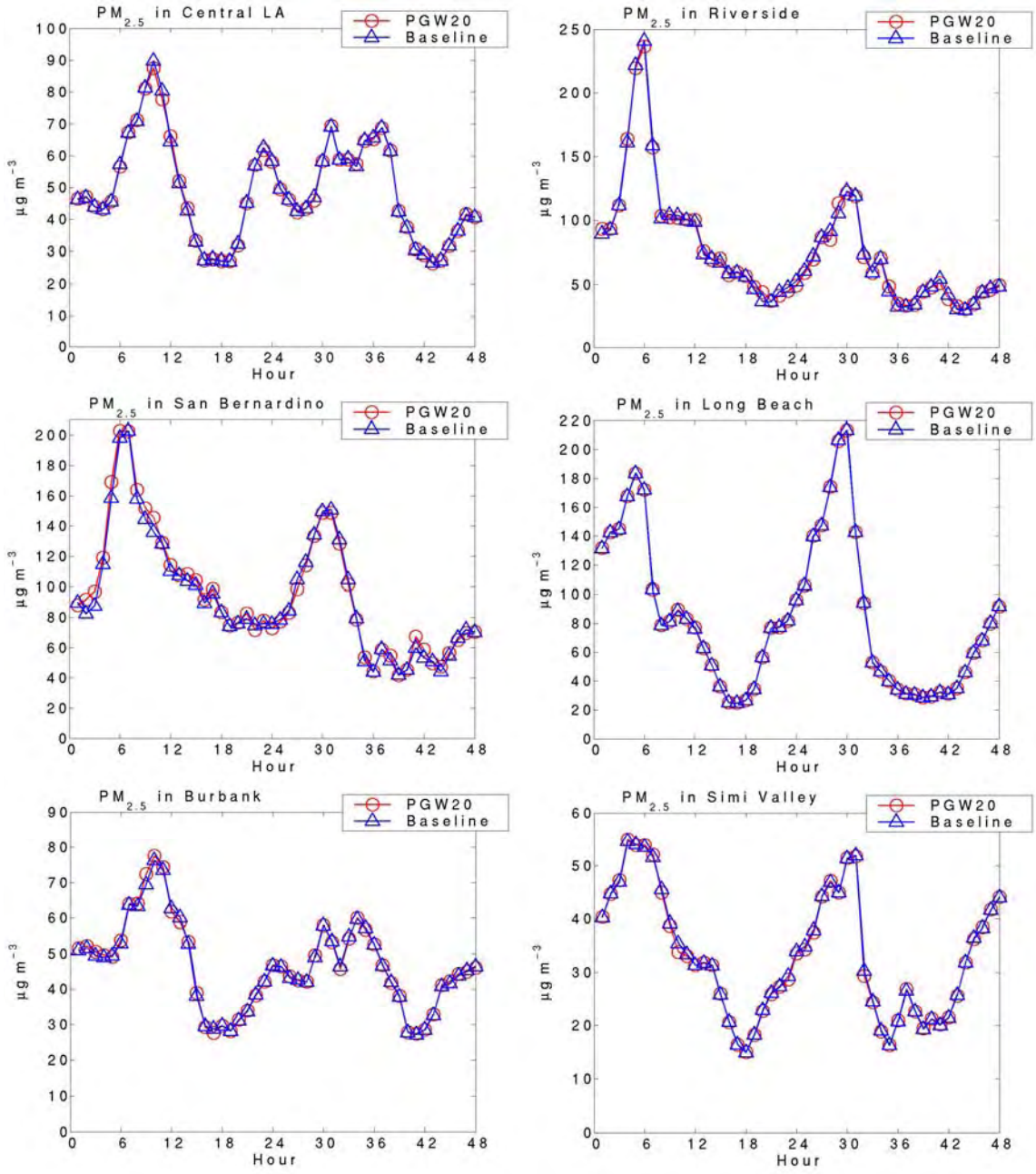

Figure H-58. Air quality impacts of PGW20 scenario at different locations: $PM_{2.5}$

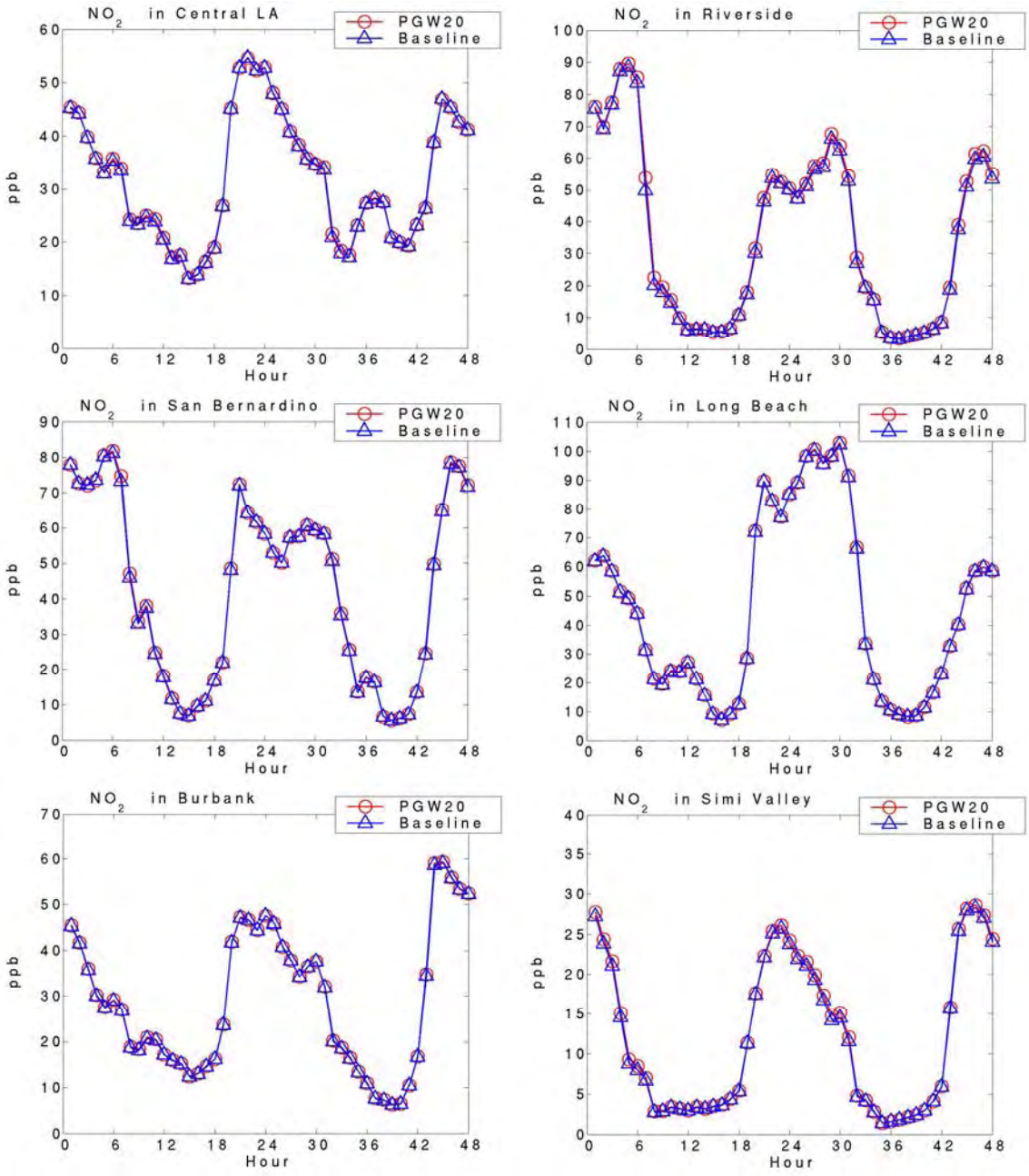

Figure H-59. Air quality impacts of PGW20 scenario at different locations: NO_2

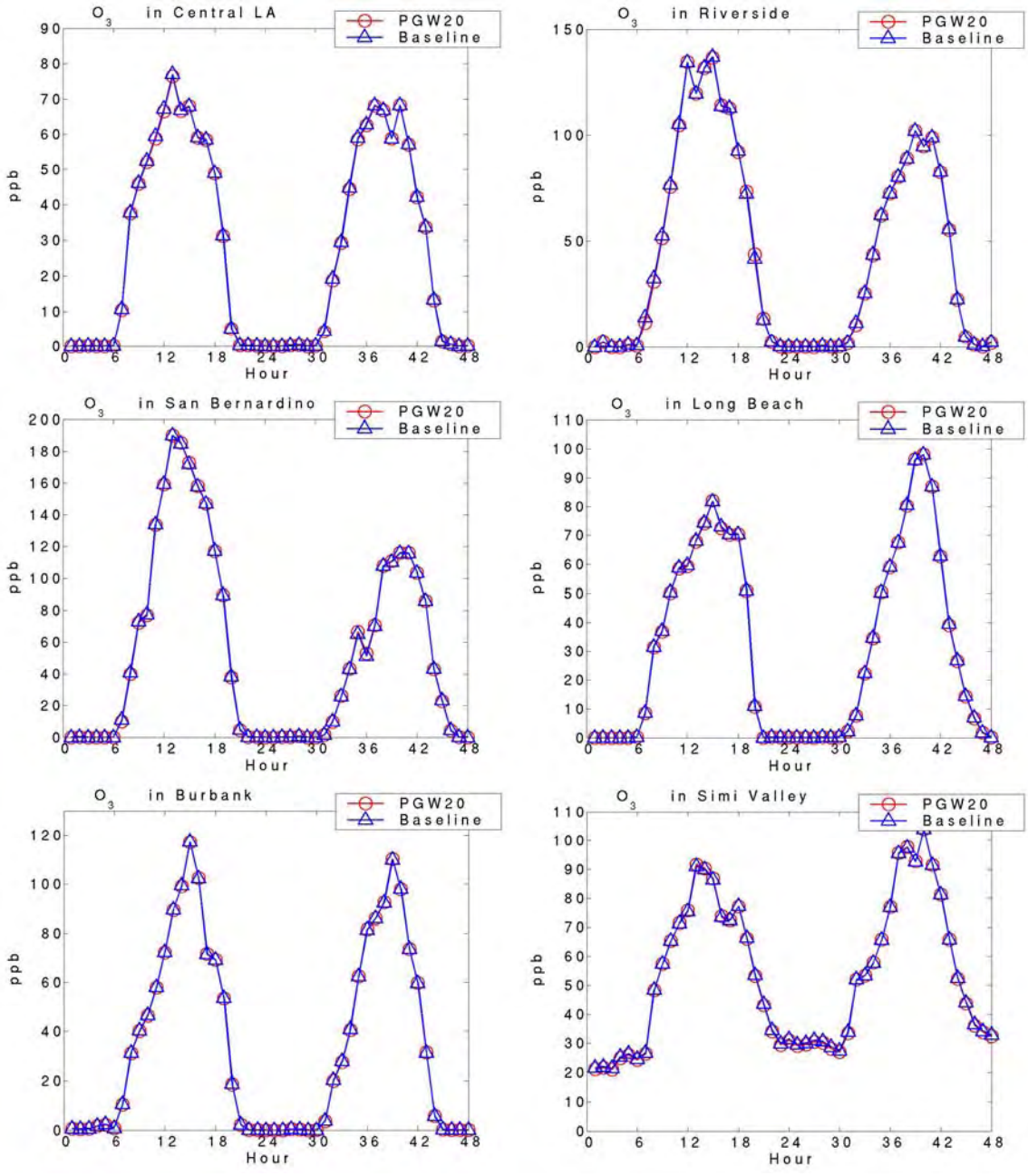

Figure H-60. Air quality impacts of PGW20 scenario at different locations: O_3

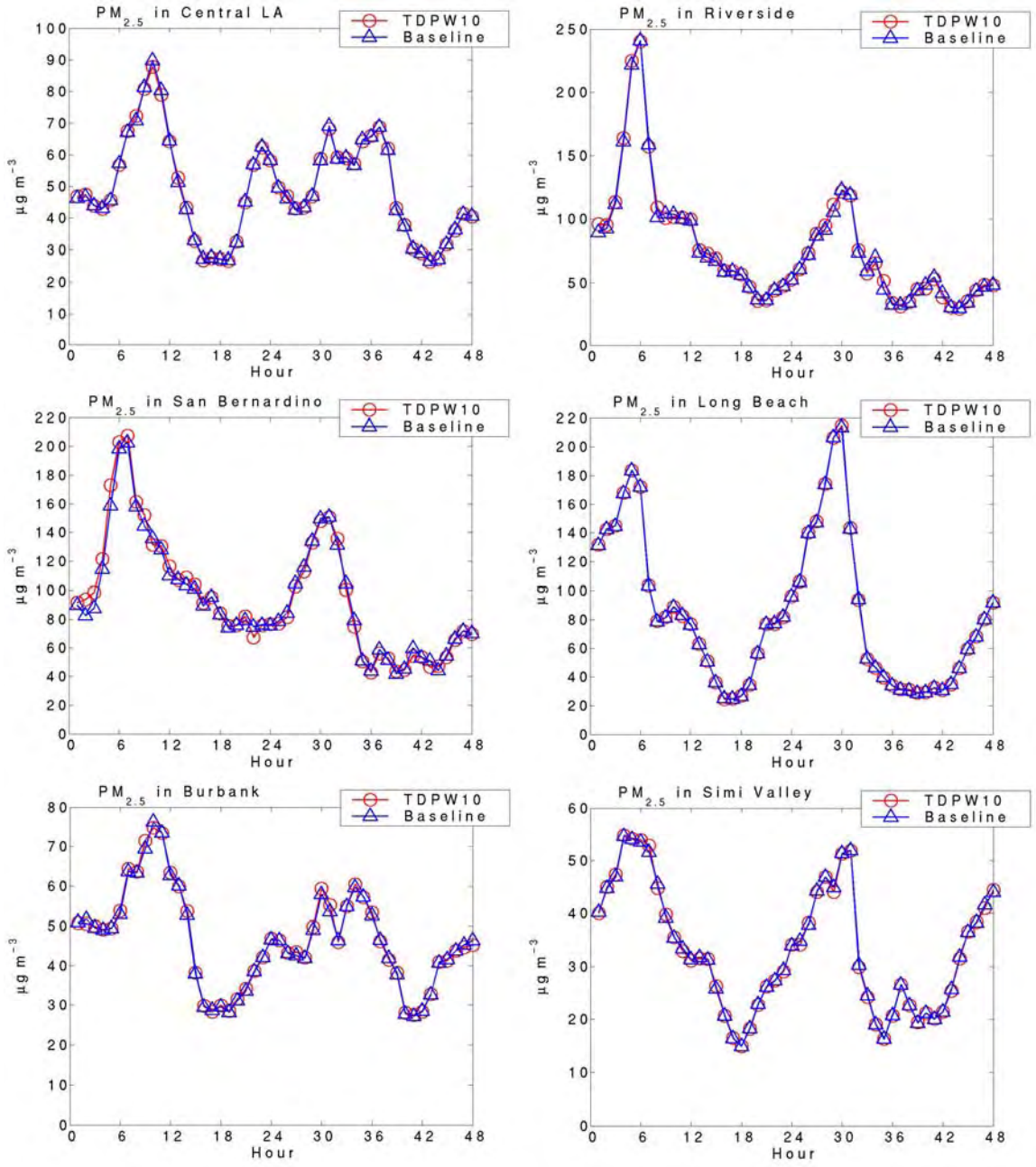

Figure H-61. Air quality impacts of TDPW10 scenario at different locations: $PM_{2.5}$

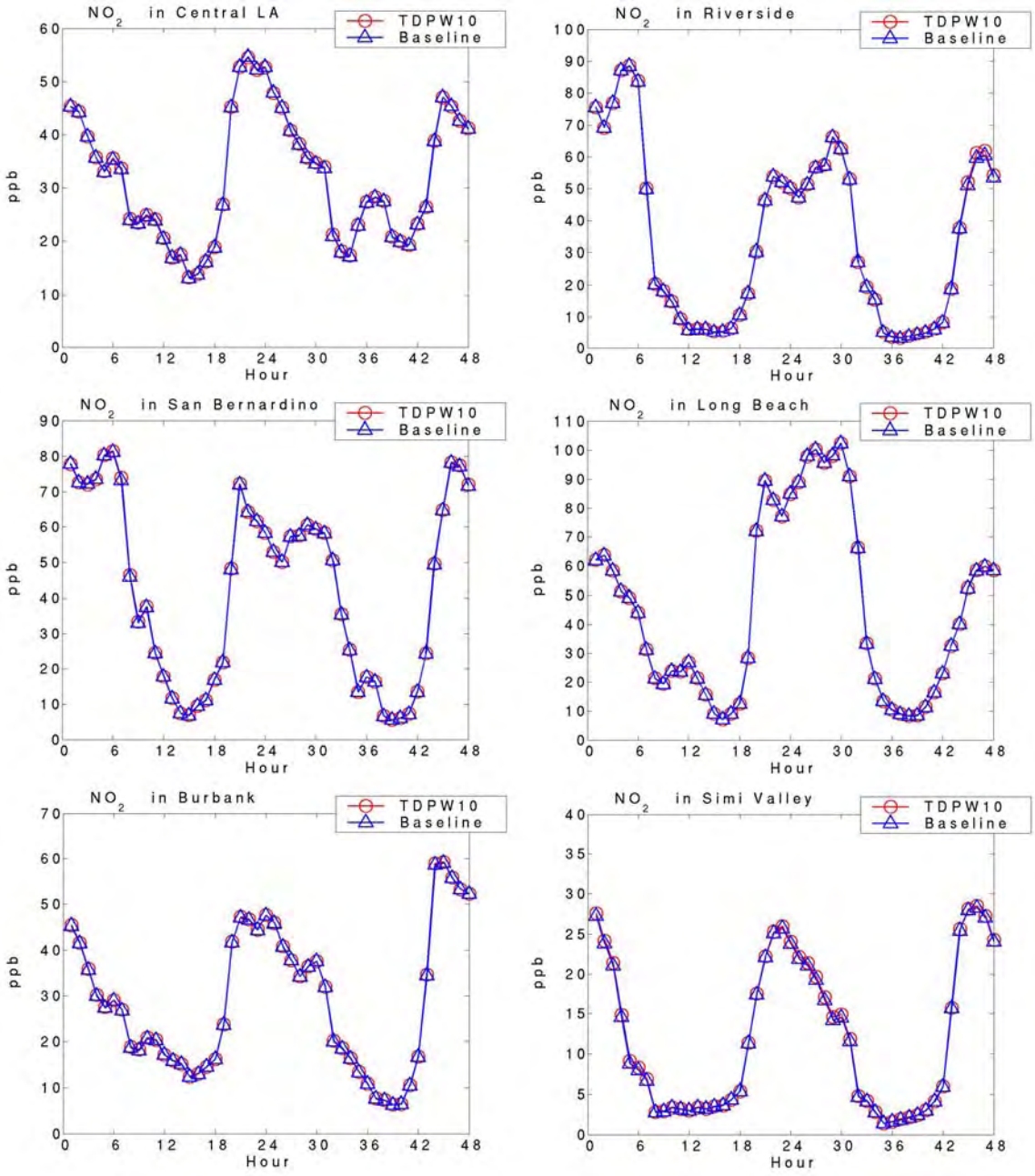

Figure H-62. Air quality impacts of TDPW10 scenario at different locations: NO_2

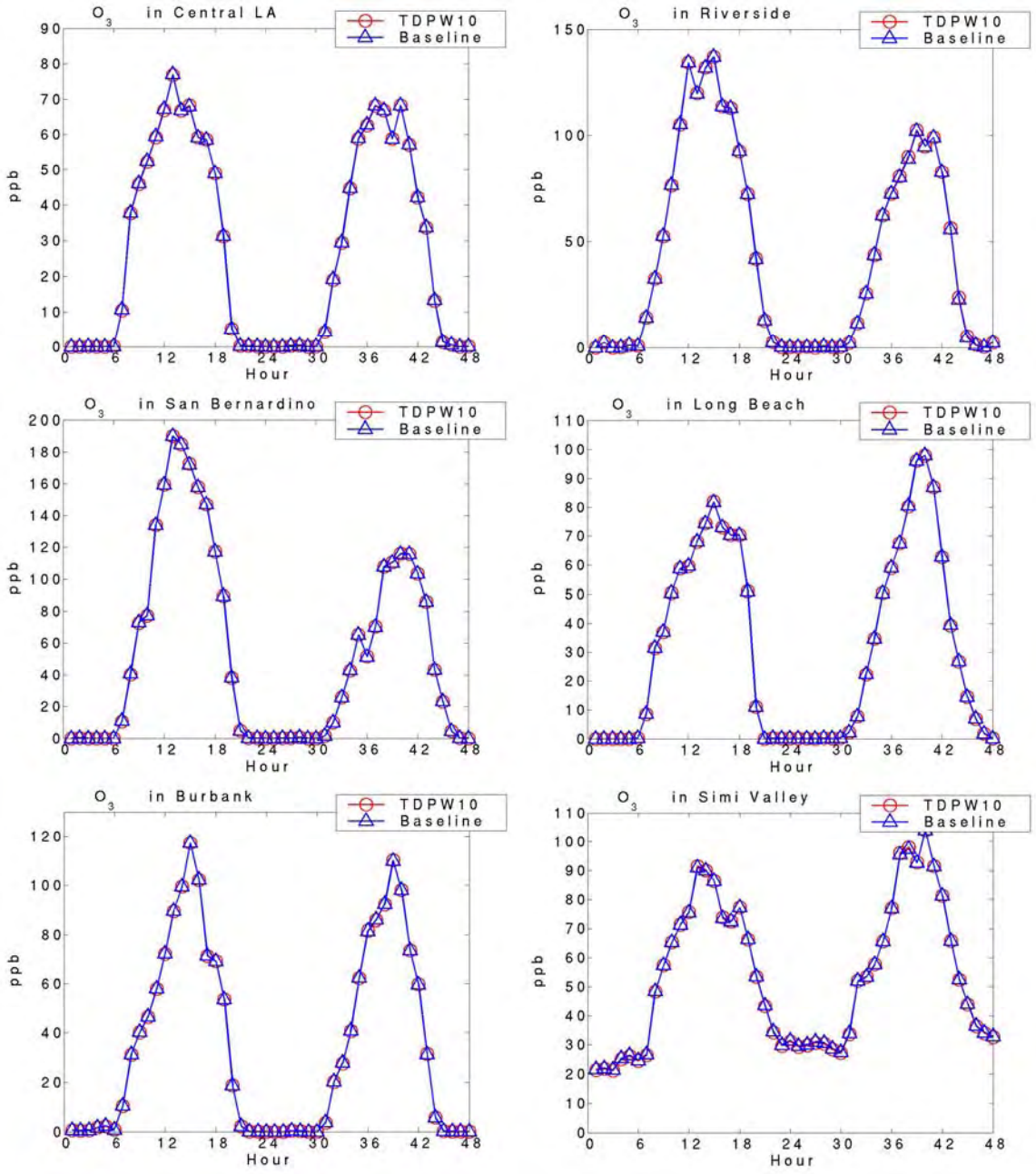

Figure H-63. Air quality impacts of TDPW10 scenario at different locations: O_3

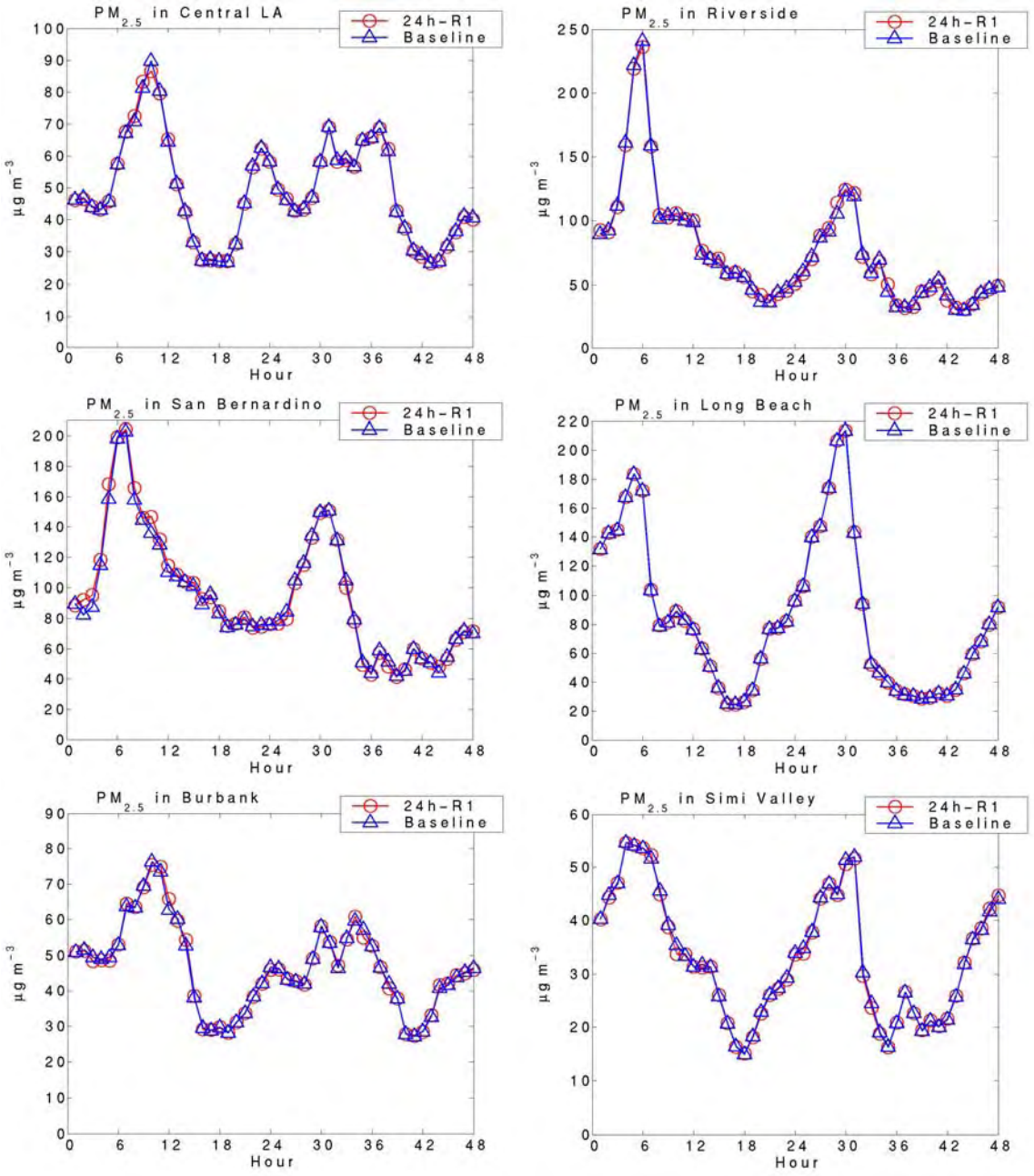

Figure H-64. Air quality impacts of #R1 scenario at different locations: $PM_{2.5}$

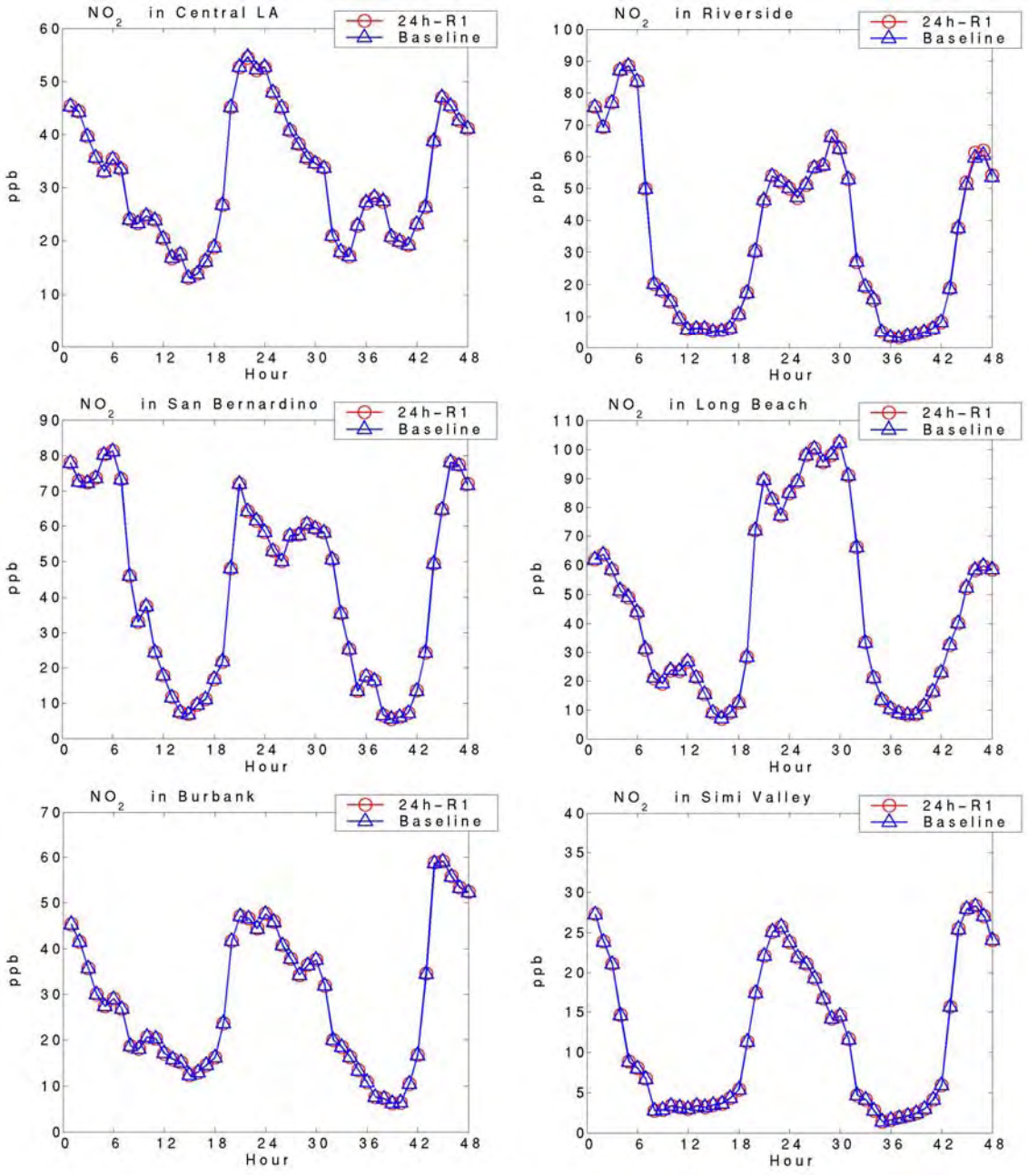

Figure H-65. Air quality impacts of #R1 scenario at different locations: NO_2

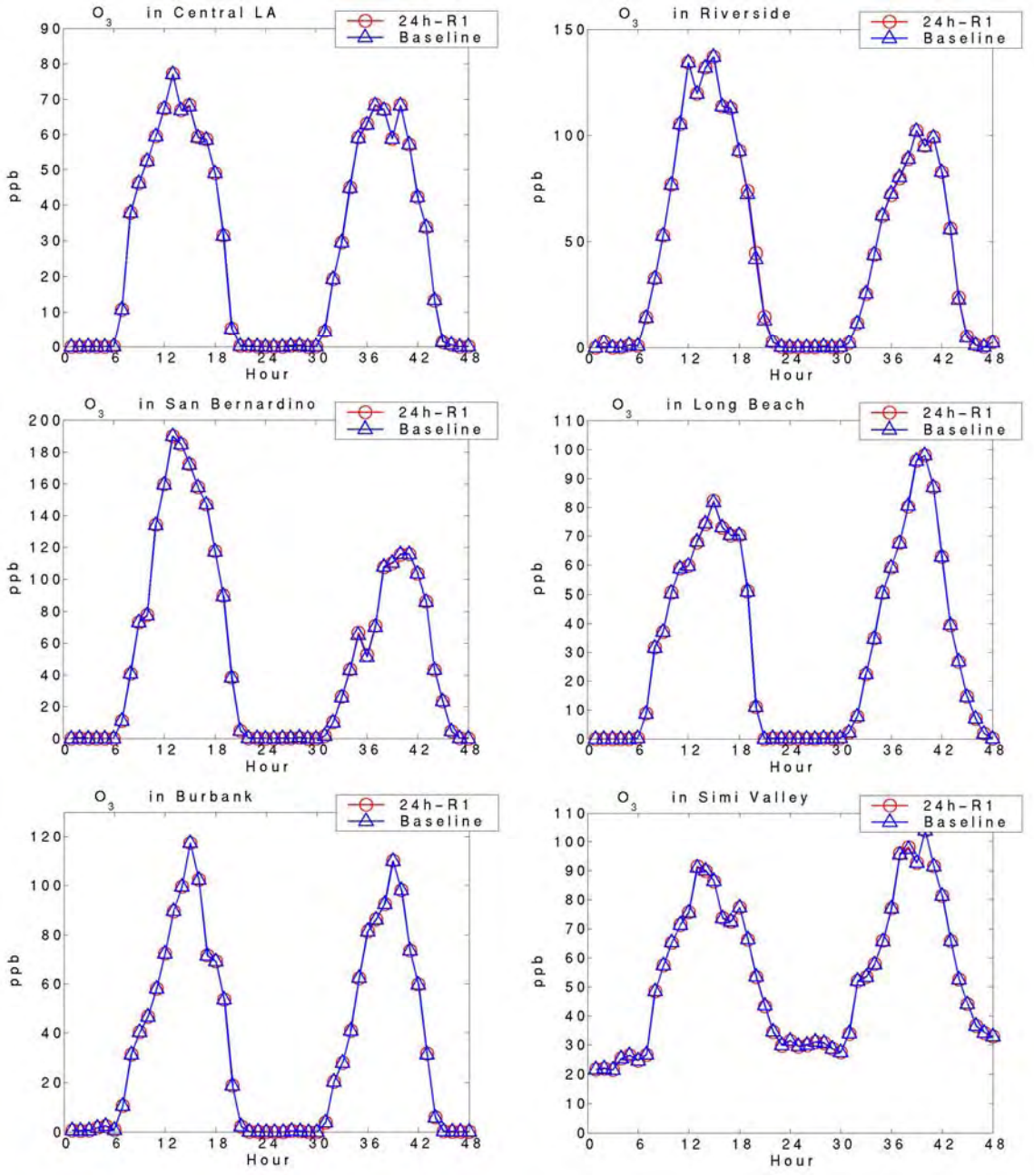

Figure H-66. Air quality impacts of #R1 scenario at different locations: O_3

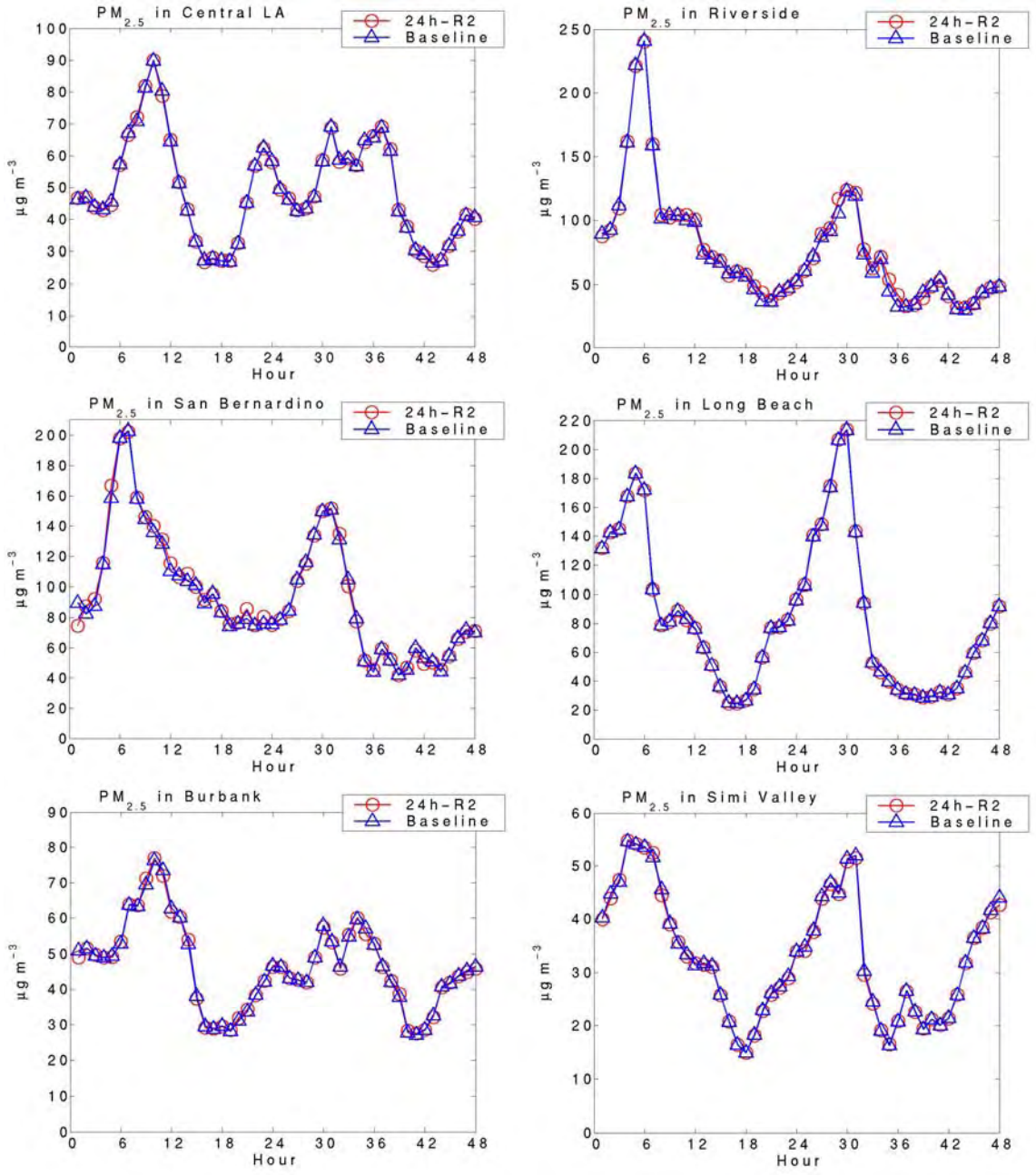

Figure H-67. Air quality impacts of #R2 scenario at different locations: $PM_{2.5}$

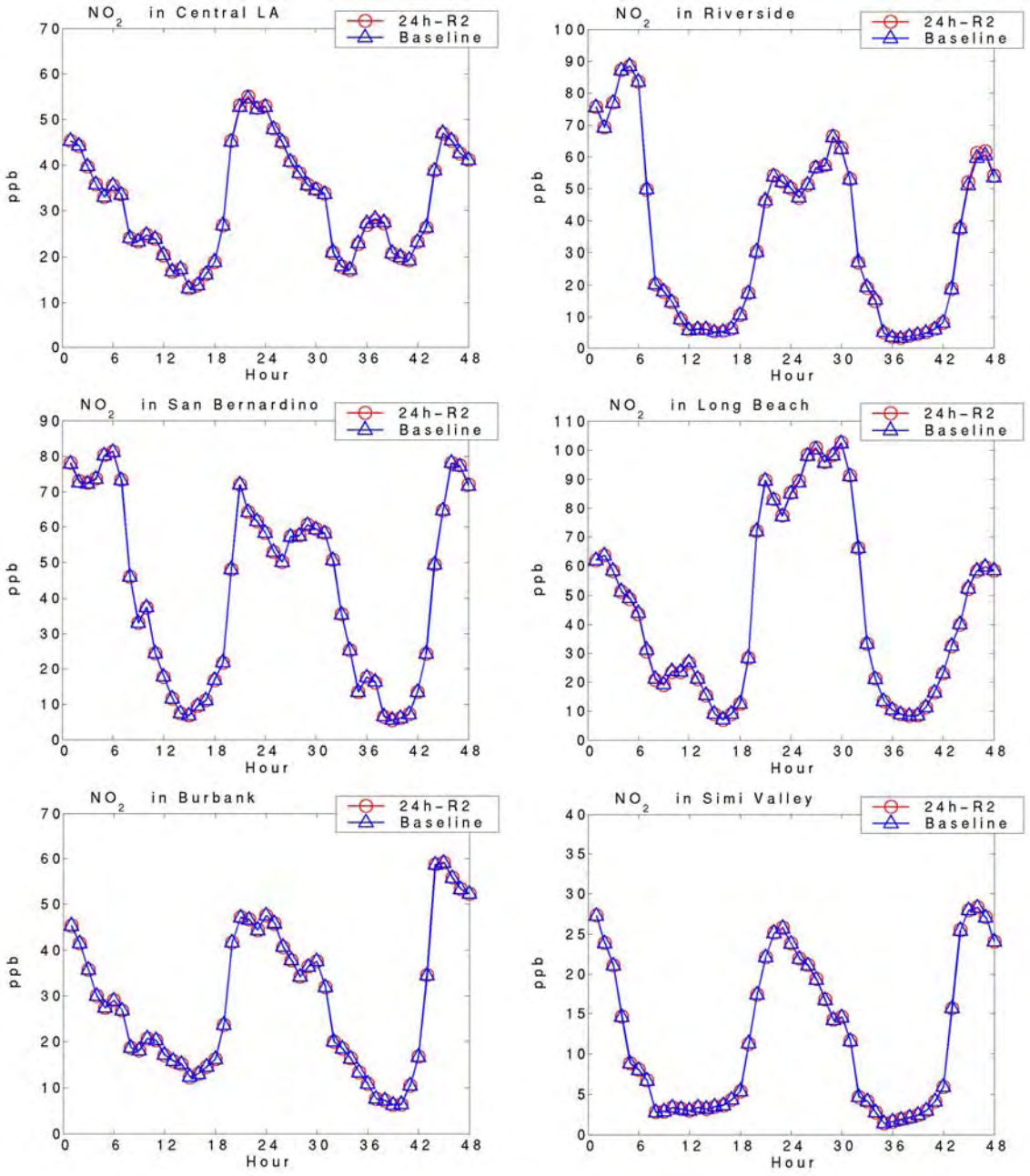

Figure H-68. Air quality impacts of #R2 scenario at different locations: NO_2

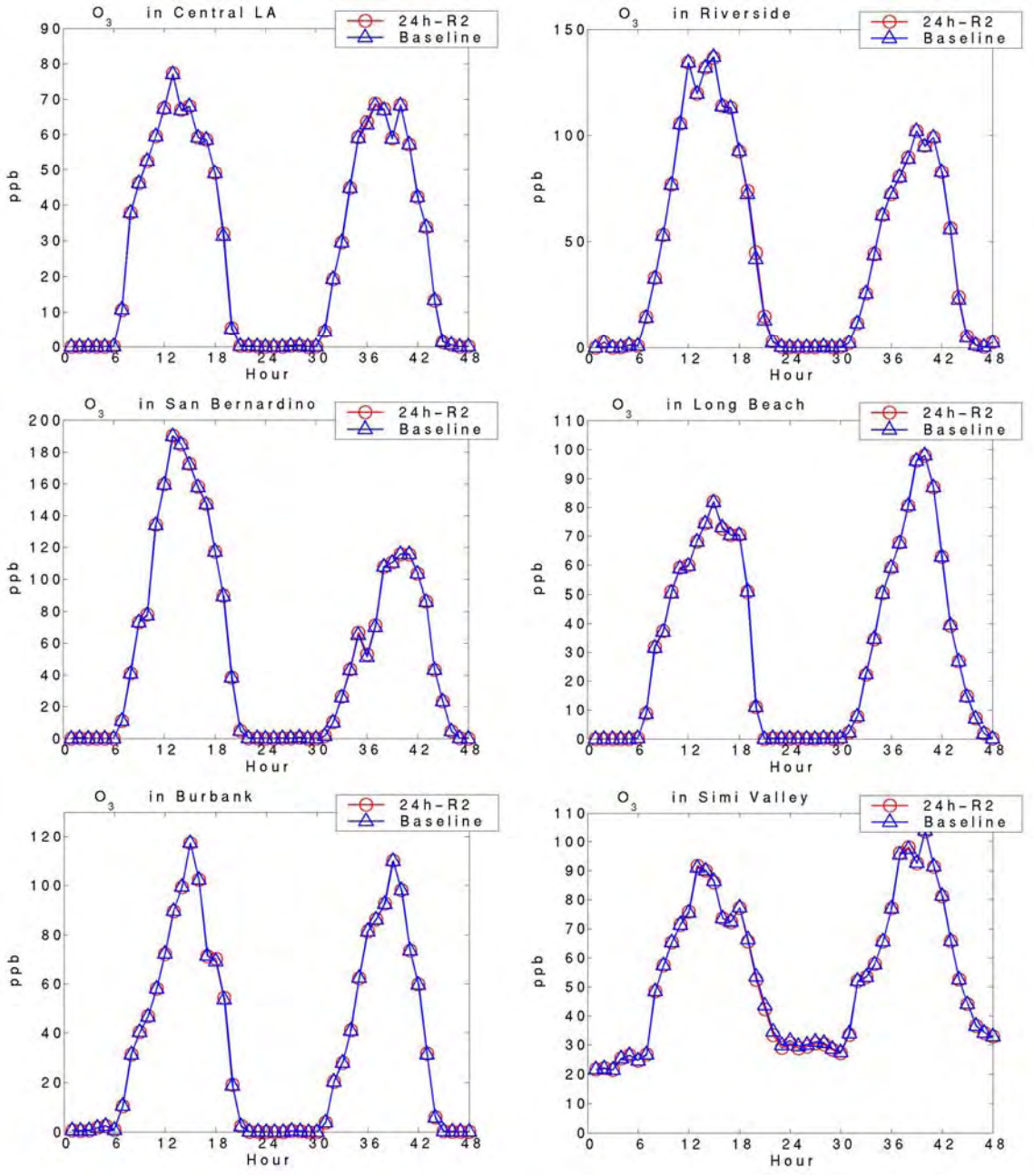

Figure H-69. Air quality impacts of #R2 scenario at different locations: O_3

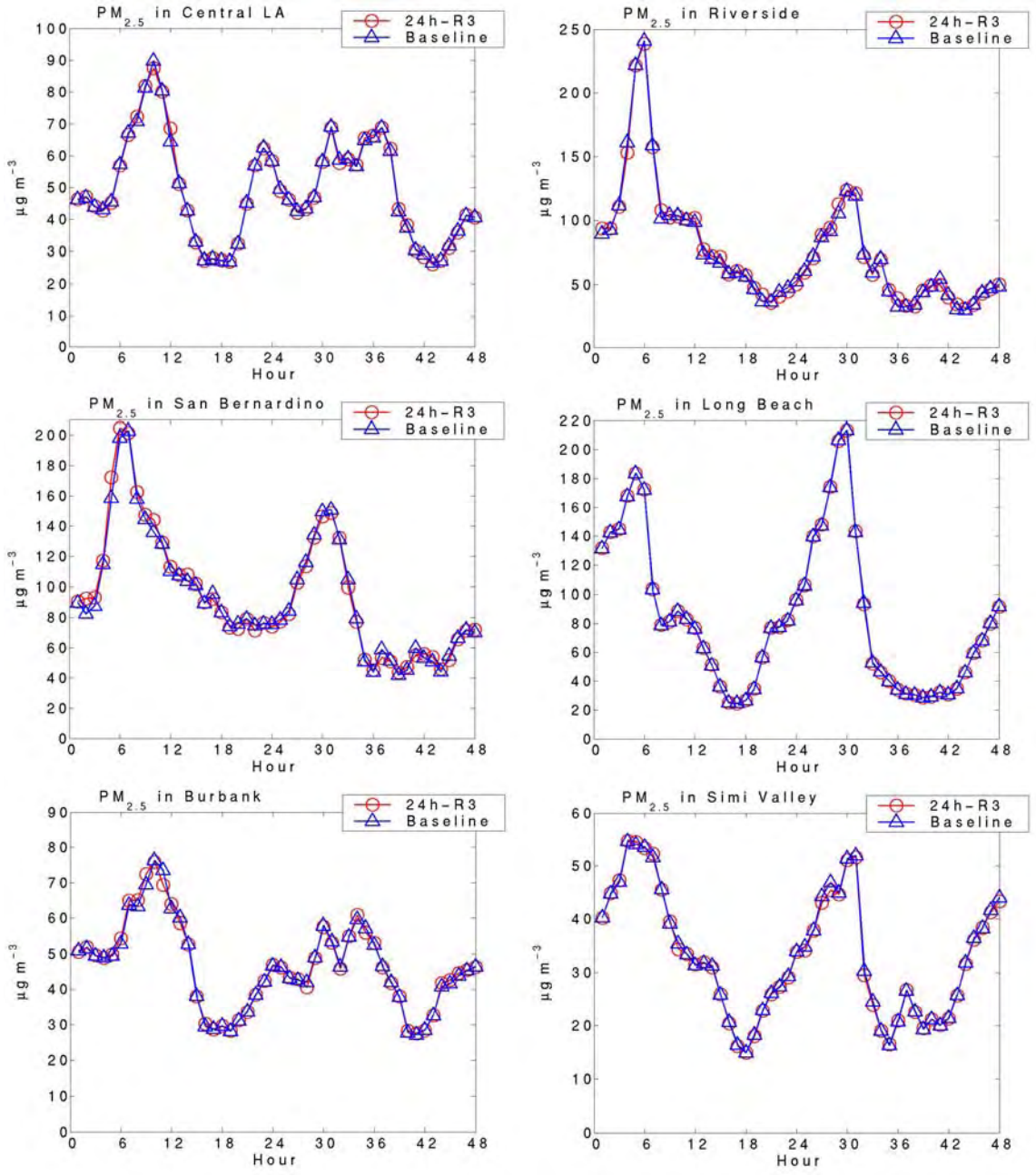

Figure H-70. Air quality impacts of #R3 scenario at different locations: $PM_{2.5}$

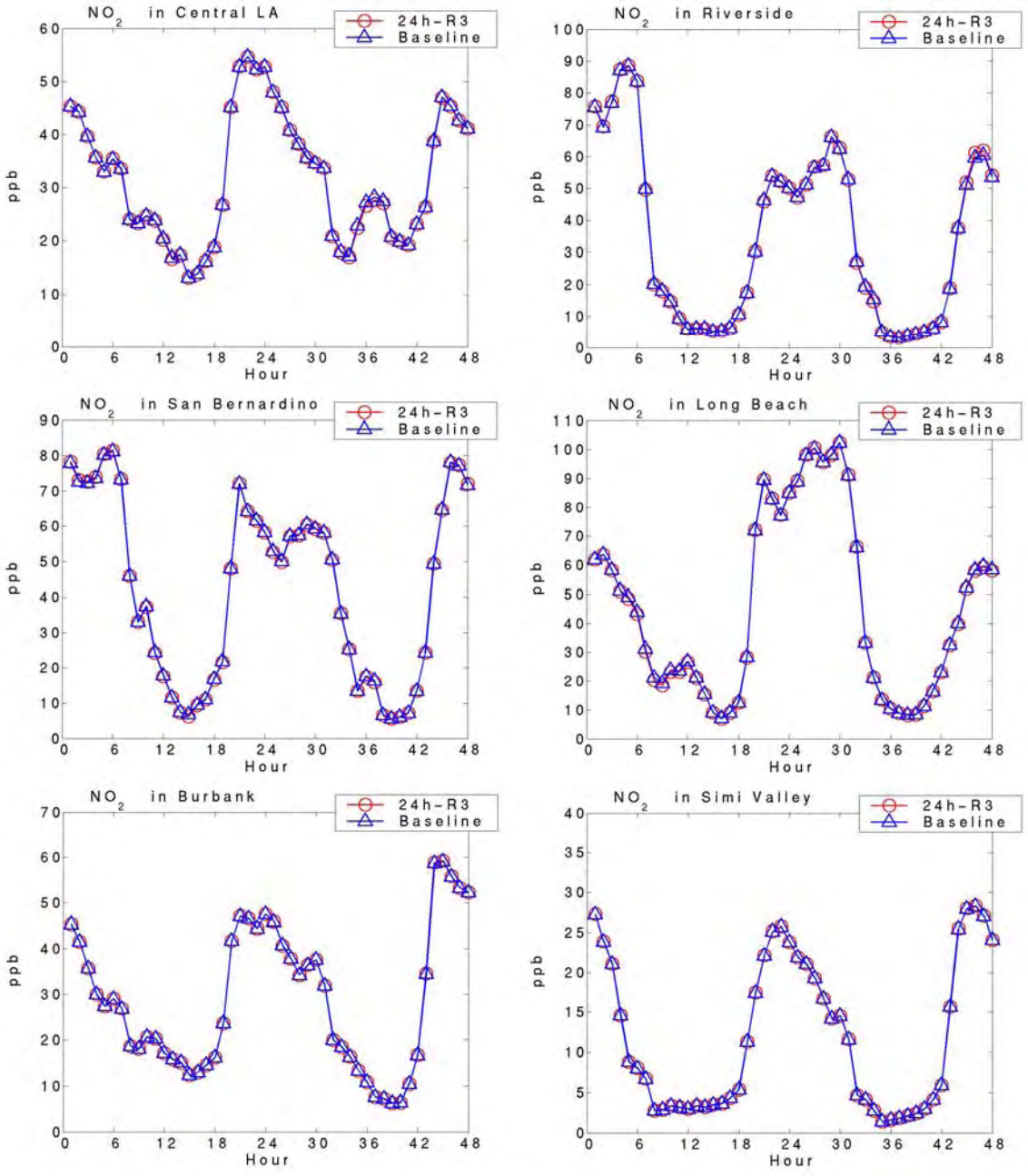

Figure H-71. Air quality impacts of #R3 scenario at different locations: NO_2

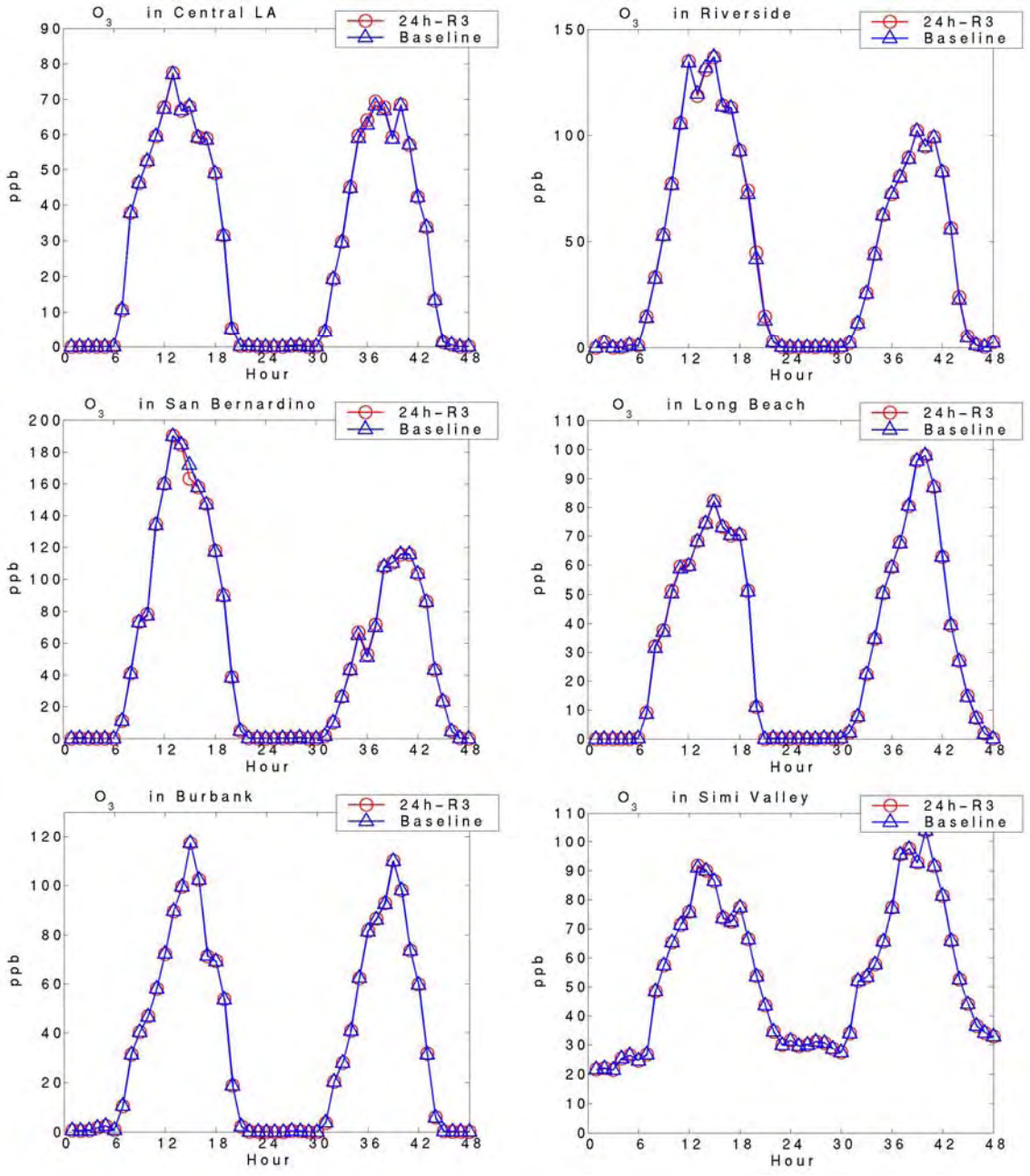

Figure H-72. Air quality impacts of #R3 scenario at different locations: O_3

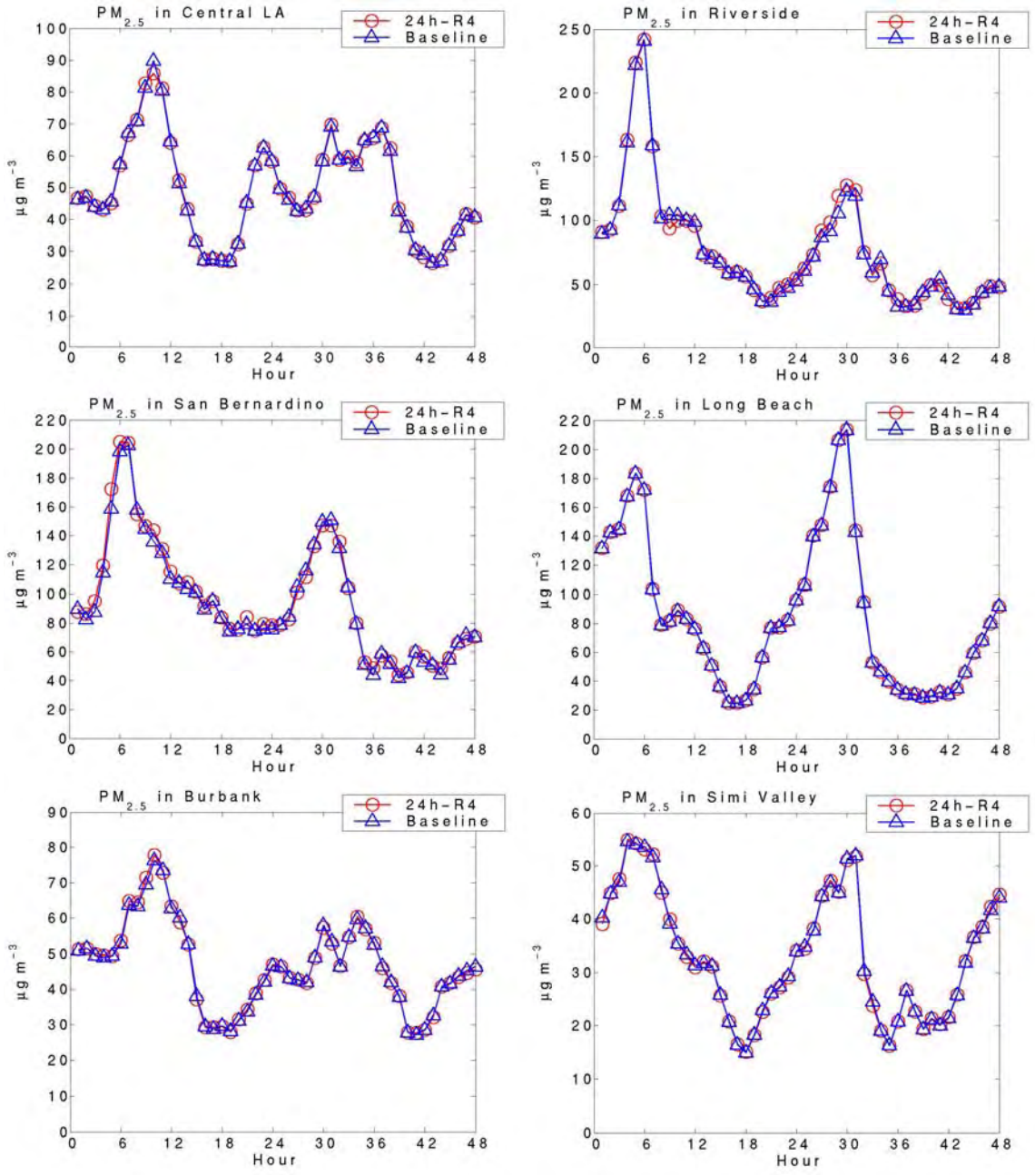

Figure H-73. Air quality impacts of #R4 scenario at different locations: $PM_{2.5}$

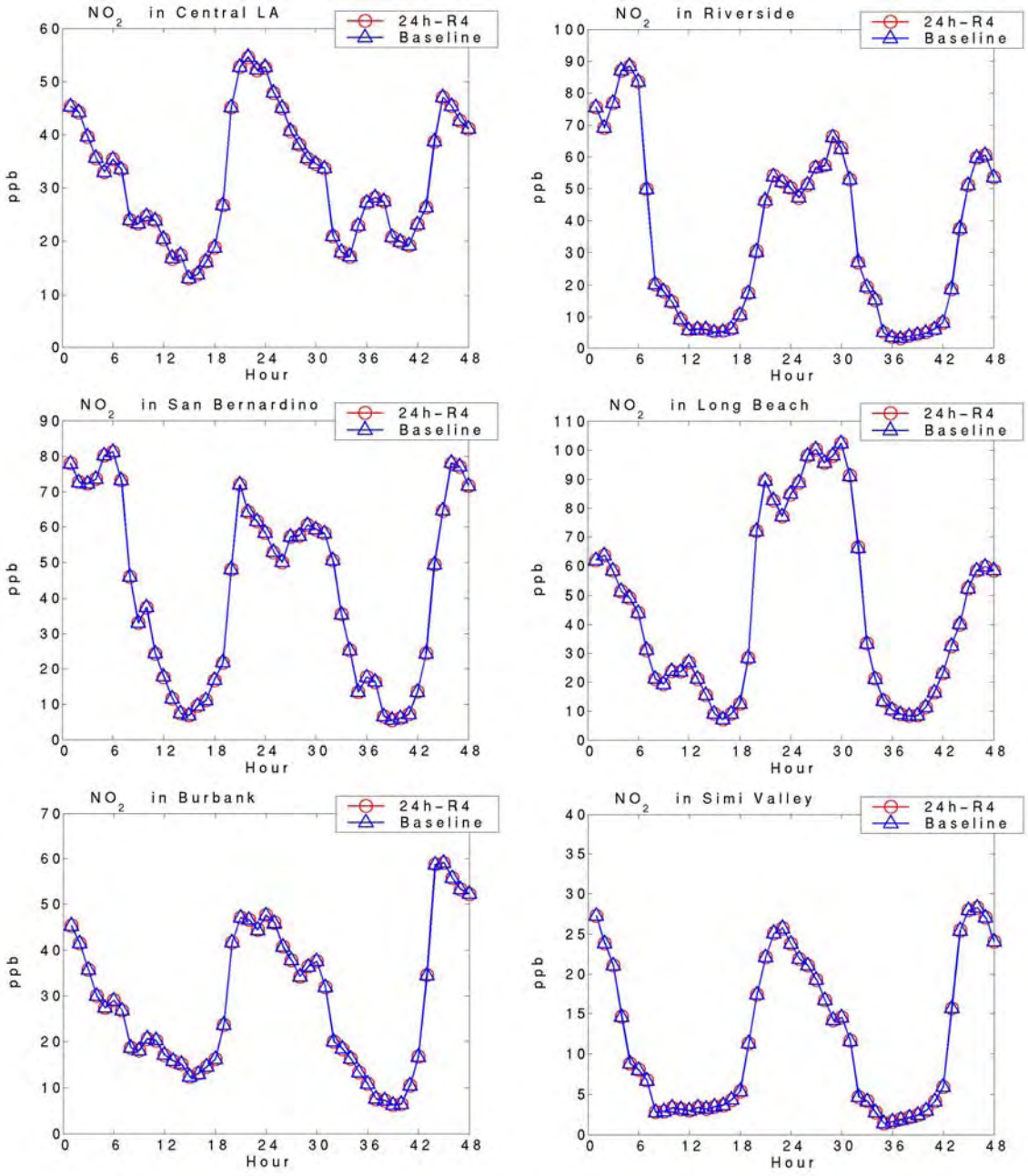

Figure H-74. Air quality impacts of #R4 scenario at different locations: NO_2

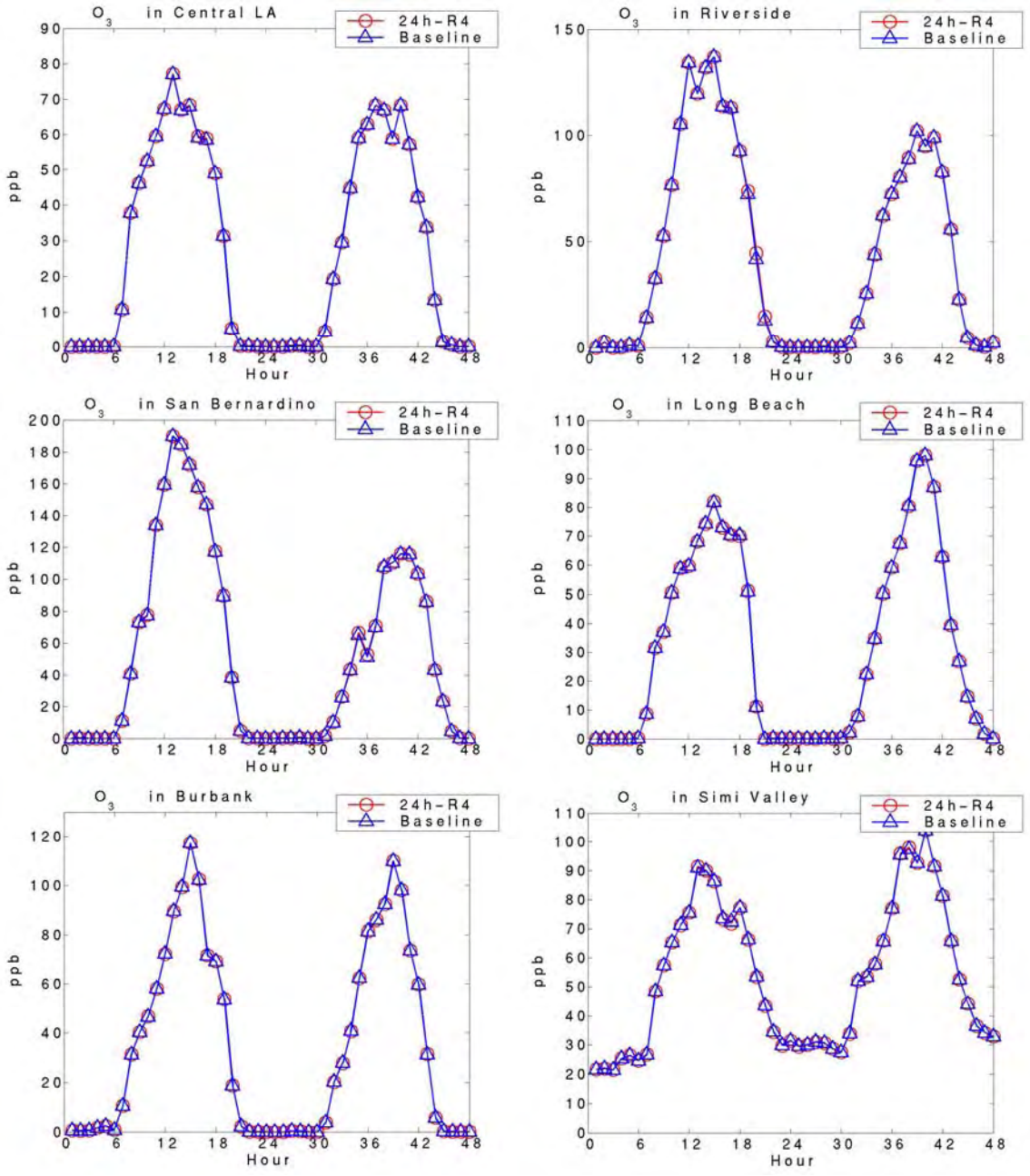

Figure H-75. Air quality impacts of #R4 scenario at different locations: O_3

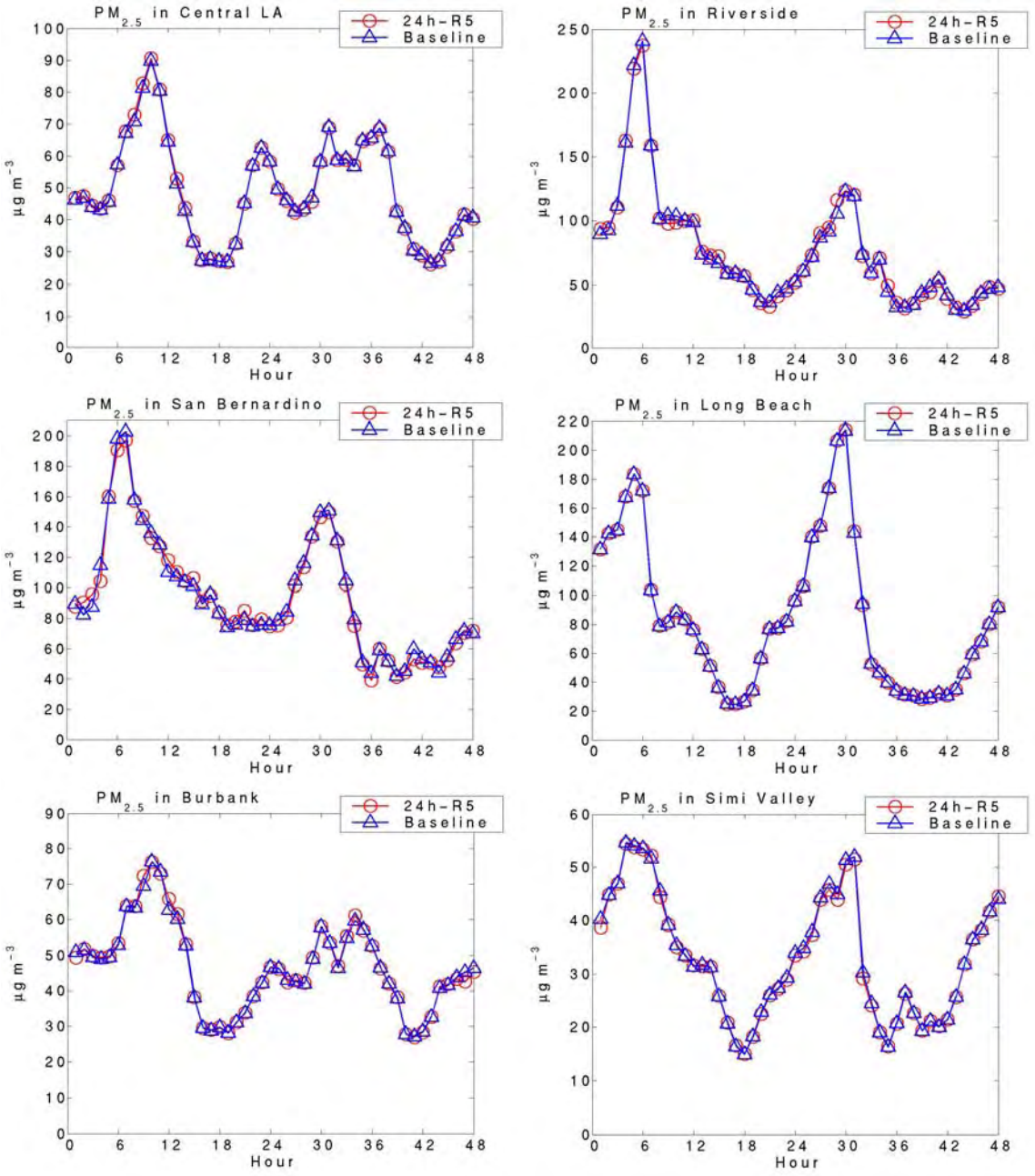

Figure H-76. Air quality impacts of #R5 scenario at different locations: $PM_{2.5}$

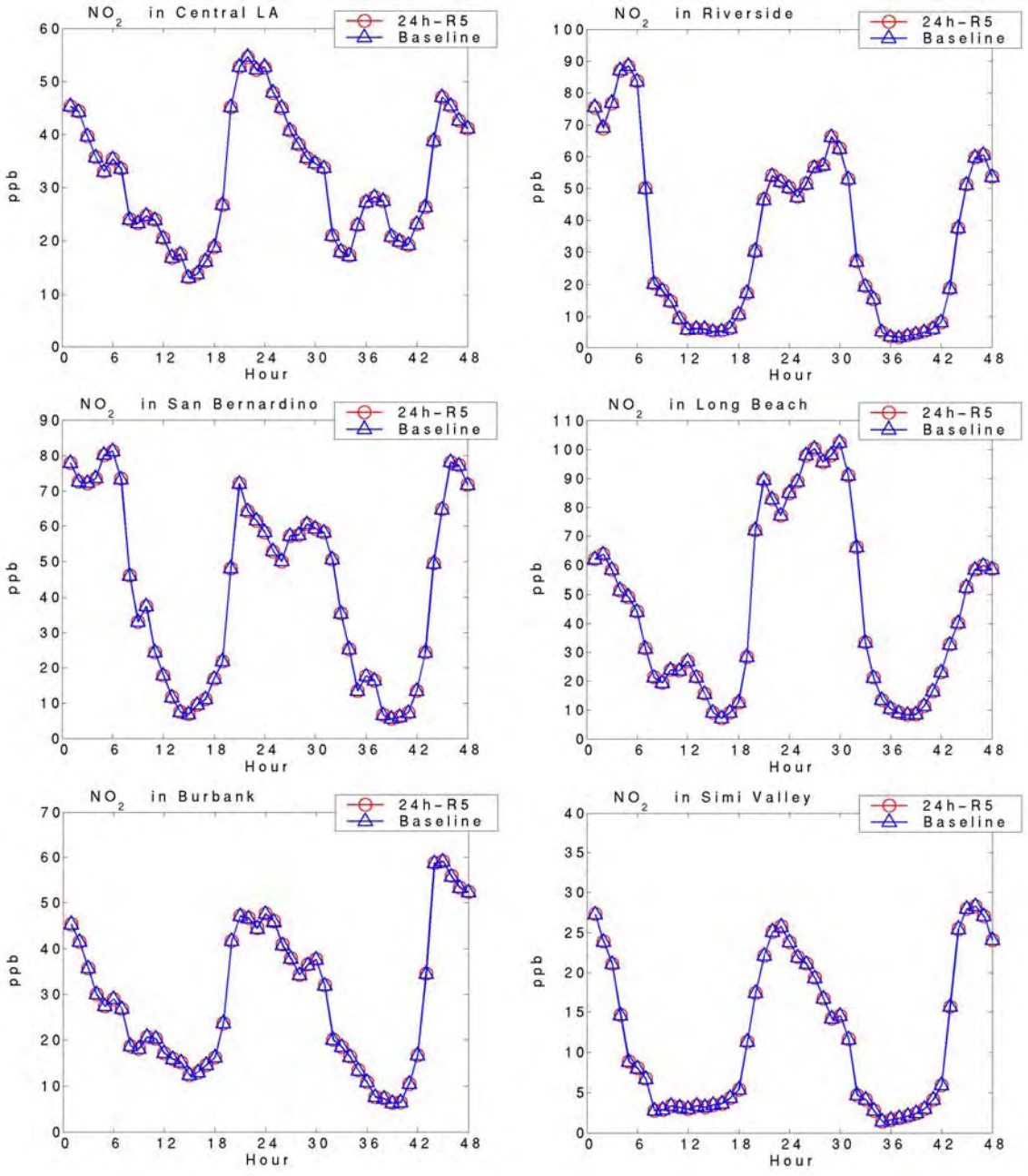

Figure H-77. Air quality impacts of #R5 scenario at different locations: NO_2

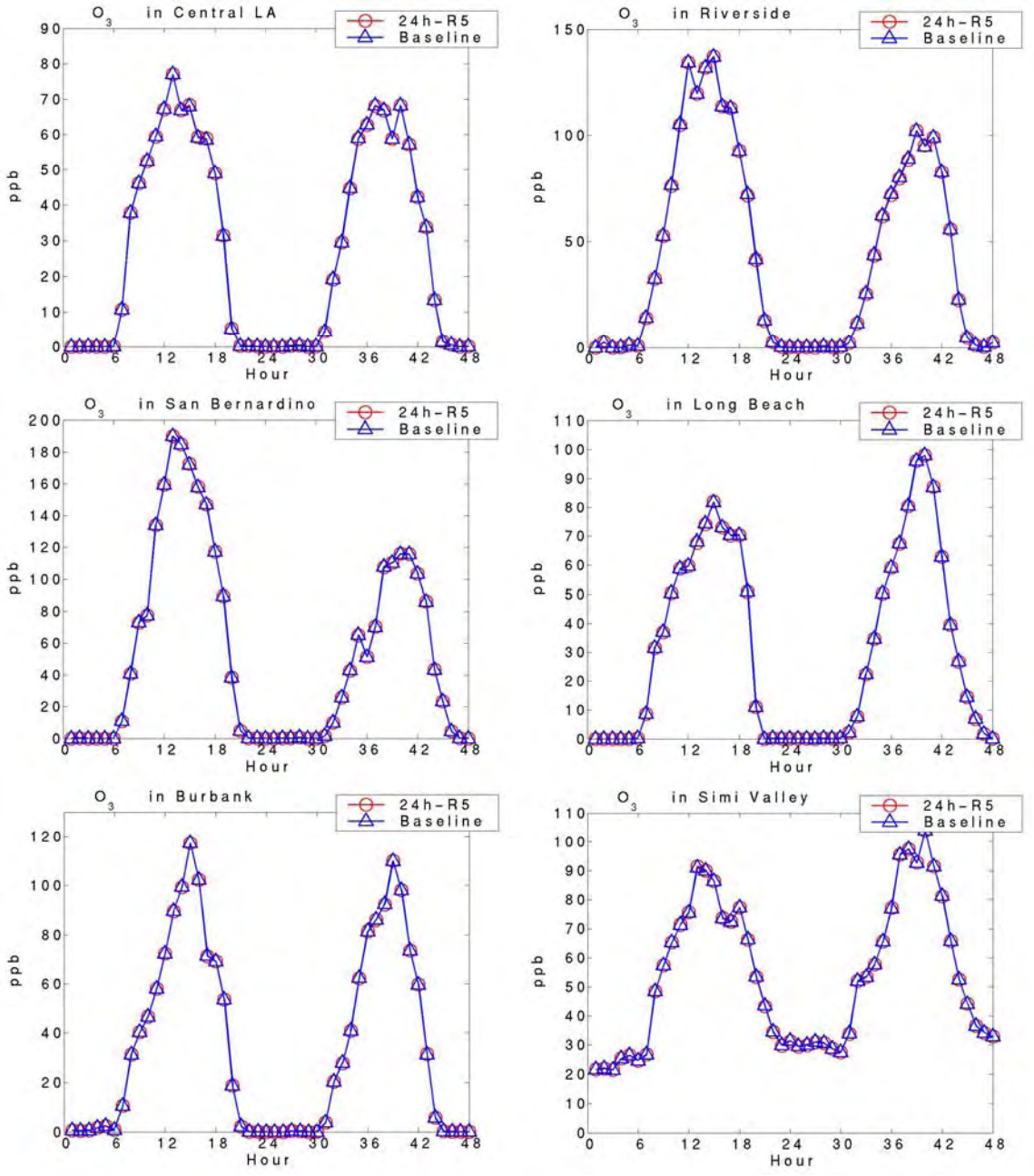

Figure H-78. Air quality impacts of #R5 scenario at different locations: O_3